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62.27*

SUPERIOR QUALITY *and* **SERVICE**
FOR **70** YEARS!

**SPRING WHOLESALE
TRADE LIST**

February 16, 1946

Offering a Large
Assortment of
General Nursery Stock

ORDER NOW!

Phones 384-385



Mount Arbor Nurseries
• SHENANDOAH IOWA •

Ed Welch PRESIDENT

One of America's Foremost Nurseries

Terms and Conditions of Sale

TERMS—1% Discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter. Interest charged on past due accounts..

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities.:

FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS (INCLUDING PEONIES AND LILIES):

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rate.

Under 300 of same variety and grade at 100 rate

EVERGREENS, B & B

30 trees (any assortment) at 100 rate

5 trees (any assortment) at 10 rate

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rate

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

BROKEN LOTS—The Wholesale Prices in this list apply for wholesale quantities. Please order in such multiples as to avoid breaking bundles.

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

TRUCK SERVICE—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

Claims for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

FEBRUARY 16, 1946

MOUNT ARBOR NURSERIES

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy-Treas.

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall **short of** height specified as it is intended that **THE CALIPER SHALL GOVERN**.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
First Class, 11-16 to $\frac{7}{8}$ -inch, 4½ feet and up	\$6.50	<u>\$60.00</u>	\$
" " 9-16 to 11-16, 4 feet and up	5.50	50.00	
" " 7-16 to 9-16, 3 feet and up	4.50	40.00	
" " 5-16 to 7-16, 2 feet and up	3.20	28.00	250.00
" " $\frac{7}{8}$ inch and up, 5 feet and up	7.50	70.00	

	11-16	9-16	7-16	5-16	7-8
Anoka	680	480		220	320
Baldwin			40	100	
Banana	80			40	
Beacon	540	50	370	290	
Black Ben Davis	90	300	460	260	
Cortland				660	
Delicious	840	1260	1420@35¢	1600	440
Delicious Dark Red	2960	3540	2870@35¢	2600	710
Delicious Yellow	4200	3100	2460@35¢	1780	1100
Dolgo	40			30	50
Duchess			140	200	
Duchess Red	70	260	180	370	
Early Harvest			30	120	
Fameuse		100		480	
Forest Winter	60	130	15	10	
Golden Russet	10	30	50	50	
Gravenstein	50			100	
Gravenstein Red				60	
Grimes Golden	1160	600	700@35¢	960	570
Haralson	50	480	100	820	960
Hawkeye Greening	80	30			
Hibernal	1280	940	400	200	
Hyslop	20		20	140	
Idared	10	20	15		
Joan	160	90		120	
Jonathan	90	580	860@35¢	980	
Jonathan Dark Red	150	1100	2960@35¢	2870	
Macoun	40		100	200	
Maiden Blush	200	20	20	60	40
M. B. Twig	100	50	50		
McIntosh	120		200	500	
McIntosh Black Mickey		60		300	
McIntosh Early	100	40	180	200	
Melba			60	60	
Milton		50		40	
Minjon (Minn. No. 700)	160	120		70	
Northern Spy		100		180	
Northern Spy Red				190	50
N. W. Greening	90			80	60
Pattens Greening	40	20	10		
Prairie Spy (Minn. No. 1007)				100	
Red Astrachan	30		40	300	
Red June		130	180	220	
Red Siberian	30		30	15	
R. I. Greening				60	
Rome Beauty Red		40	100	50	
Salome	90	40	50	15	
Secor			30	160	
Sharon	340		20	10	
Stayman Red		240		100	
Stayman Winesap			60	510	

APPLE and CRAB Continued

	11-16	9-16	7-16	5-16	7-8
Tolman Sweet	310	-----	-----	90	-----
Turley	110	120	-----	120	-----
Virginia	1180	1050	250	160	-----
Wealthy	400	300	-----	940	-----
Whitney Crab	960	250	-----	870	200
Winesap	-----	100	-----	80	-----
Winesap Crimson	-----	120	-----	60	-----
Yellow Transparent	-----	970	40	2400	50

APPLE—WHIPS

	Whips	Per 10	Per 100	Per 1000
One Year, 4 to 5 feet,	-----	\$4.50	\$40.00	\$ -----
" " 3 to 4 feet,	"	3.50	30.00	-----
" " 2 to 3 feet,	"	2.50	22.00	200.00
" " 18 to 24 inches,	"	1.90	16.00	140.00

	4/5'	3/4'	2/3'	18/24"
Beacon	-----	-----	100	-----
Cortland	-----	-----	700	75
Delicious Dark Red	-----	300	-----	670
Delicious Yellow	-----	-----	300	700
Dolgo Crab	-----	10	-----	80
Duchess	-----	-----	180	-----
Duchess Red	10	50	160	80
Early Harvest	-----	-----	80	-----
Fameuse	40	25	120	15
Grimes Golden	120	400	800	250
Haralson	-----	-----	130	-----
Hibernal	110	125	-----	-----
Joan	-----	-----	140	-----
Jonathan Dark Red	-----	600	1200	2500
McIntosh	-----	1100	200	90
McIntosh Early	30	-----	260	60
Red June	-----	-----	80	20
Stayman Winesap	-----	-----	400	120
Tolman Sweet	50	45	-----	-----
Wealthy	-----	500	200	320
Whitney	-----	-----	180	180
Winesap Crimson	180	240	-----	370
Yellow Transparent	-----	330	420	500

QUADRUPLET APPLE

We offer 1500 of the following combination of Quadruplet Apple, 4-N-1, graded 9/16 inch and up. They will average mostly 11/16 inch. These were dormant budded Summer 1944 on the side limbs of two year trees, and buds have one full year's growth.

	Per 10	Per 100	Per 1000
Three years, 9-16 and up, 4½ feet and up	\$11.00	\$100.00	\$ -----

Each tree will carry four of the following varieties:

Delicious Red	Wealthy
Delicious Yellow	Winesap Crimson
Jonathan Dark Red	Yellow Transparent

CHERRIES—Sour—On Mahaleb

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 3½ feet and up	\$11.00	\$100.00	\$ -----
" " 9-16 to 11-16, 3 feet and up	9.00	85.00	-----
" " 7-16 to 9-16, 2½ feet and up	7.50	70.00	-----
" " 5-16 to 7-16, 2 feet and up	5.50	50.00	-----
" " 18 to 24 inches	4.50	40.00	-----

	11/16	9/16	7/16	5/16	18/24"
Early Richmond	460	-----	-----	500	115
English Morello	-----	320	400	500	70
Montmorency	540	1260	440	600	600
Wragg	210	150	-----	45	-----

Sour Cherries are available in limited quantities and only in connection with orders for a general assortment of stock.

CHERRIES—Sweet

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up, branched and whips	\$12.00	\$110.00	\$ ----
" " 9-16 to 11-16 inches, 4 feet and up " " "	10.00	90.00	----
" " 7-16 to 9-16 inches, 3 feet and up, " " "	8.00	75.00	----
" " 5-16 to 7-16 inches, 2½ feet and up, mostly whips	6.50	60.00	----
" " 18 to 24 inches	4.50	----	----
	11/16	9/16	7/16 5/16 18/24"
Bing	30	80	----
Black Tartarian	----	----	60
Governor Wood	----	40	180 90 35
Napoleon	----	50	190 180
Windsor	----	90	50
Yellow Glass	200	140	150 60
Yellow Spanish	50	30	140

HANSEN'S BUSH CHERRY

	Per 10	Per 100	Per 1000
150 Improved besseyi, 2 to 3 feet, transplants	\$3.50	\$30.00	\$ ----
690 " " 18 to 24 inches, "	2.50	22.00	----
12500 " " 6 to 12 inches, one year seedlings	----	5.00	45.00

PEAR-DWARF

	Per 10	Per 100	Per 1000
Two Years, 5-8 inch and up	\$12.00	\$110.00	\$ ----
" " 1/2 to 5/8	9.00	85.00	----
" " 3/8 to 1/2	7.50	70.00	----
	5/8"	1/2"	3/8"
Bartlett	----	150	300
Duchess	180	----	----
Kieffer	50	----	----
Seckel	60	20	80

PLUM

	Per 10	Per 100	Per 1000
One Year, 9-16 to 11-16, 4 feet and up	\$ 8.50	\$ ✓	\$ ----
" " 7-16 to 9-16, 3 feet and up	7.50	70.00	----
" " 5-16 to 7-16, 2 feet and up	6.00	55.00	----

EUROPEAN, One Year, on Myrobolan except as noted.

	9-16	7-16	5-16
Blue Damson	----	----	230
Bradshaw	----	----	130
Green Gage	----	----	130
Lombard	----	120	----
Reine Claude	----	----	340
Shrop Damson	----	----	300
Stanley Prune	----	300	----
Stanley Prune on Peach	----	----	570
Yellow Egg	----	----	140
Yellow Egg on Peach	50	460	226

JAPAN, One Year on Peach

	9-16	7-16	5-16
Abundance	----	----	30
Santa Rosa	----	45	170

PEACH

	Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up	\$ 5.50	\$ 50.00	\$ -----
" " 5-16 to 7-16, 2 feet and up	4.50	40.00	-----
		7-16	5-16"
Belle of Georgia		340	170
Champion			560
Delicious		40	10
Early Elberta		320	580
Early Wheeler		60	20
Elberta		3400	2600
Gold Drop		25	
Golden Jubilee		800	500
Halehaven		400	520
Heath Cling		90	100
J. H. Hale			700
Mayflower		100	120
Oriole		70	70
Redhaven			900
Rochester		100	390

PEACH—JUNE BUDS

	Per 10	Per 100	Per 1000
June Buds, 7-16 to 9-16, 2 to 3 feet	\$ 5.00	\$ 45.00	\$ -----
" " 5-16 to 7-16, 2 to 2½ feet	4.00	35.00	-----
" " 18 to 24 inches, about 5-16	2.90	25.00	-----
	7-16	5-16	18-24"
Champion		1000	1000
Early Elberta	500	900	300
Elberta	2700	4100	2000
Golden Jubilee	1280	1600	720
Halehaven	900	1050	
J. H. Hale		1400	1200

APRICOTS

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4 feet and up	\$11.00	\$100.00	\$ -----
" " 7-16 to 9-16, 3 feet and up	8.00	75.00	-----
" " 5-16 to 7-16, 2 feet and up	6.50	60.00	-----
" " 2 to 3 feet, under 5-16	5.00	45.00	-----
	11-16	7-16	5-16 2 to 3'
Chinese	90	250	280
Chinese Hardy Seedling			1690@50¢ 800
Manchu		30	50
Mandarin			40
Scout		150	150 80
Sing		50	130 50
Superb	50	100	150 98
Thompson Early		40	

MULBERRY

	Per 10	Per 100	Per 1000
290 Russian, 3 to 4 feet, branched	\$ 2.40	\$ 20.00	\$ -----

SMALL FRUITS

GRAPE VINES—Western New York Grown

Tied, 2 yr., 50; No. 2, 100 per bundle

		Per 100	Per 1000
500	Agawam (Roger's 15) large red, 2 years, No. 1	\$20.00	\$180.00
600	" " " " 2 years, No. 2	15.00	130.00
500	Beta, black, 2 years, No. 1	18.00	150.00
1500	" " 2 years, No. 2	12.00	100.00
300	Brighton, dark red, 2 years, No. 1	20.00	-----
700	" " " 2 years, No. 2	15.00	-----
200	Caco, red, 2 years, No. 1	25.00	-----
1100	" " 2 years, No. 2	20.00	-----
560	Catawba, red, 2 years, No. 1	20.00	180.00
500	" " 2 years, No. 2	15.00	130.00
7700	Concord, black, 2 years, No. 1	16.00	140.00
25600	" " 2 year, No. 2	11.00	90 00
300	Delaware, red, 2 years, No. 1	22.00	200.00
650	" " 2 year, No. 2	18.00	150.00
7900	Fredonia, new, early, black, valuable, 2 year, No. 1	20.00	180.00
8400	" " " " " 2 years, No. 2	15.00	130.00
3100	Moore's Early, black, 2 years, No. 1	20.00	180.00
1000	" " " 2 years, No. 2	15.00	130 00
2400	Niagara, white, 2 years, No. 1	20.00	180.00
2750	" " 2 years, No. 2	15.00	130.00
900	Portland, white, 2 years, No. 1	25.00	220.00
1650	" " 2 years, No. 2	18.00	160.00
1960	Worden, black, 2 years, No. 1	18.00	150.00
2970	" " 2 years, No. 2	12.00	100.00

GOOSEBERRIES

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
120	Carrie, purplish-red, 2 years, No. 1	\$30.00	\$ -----
300	" " 1 year, No. 2	20.00	-----
150	Champion, green, 2 years, No. 1	28.00	-----
2200	" " 1 year, No. 2	20.00	175.00
250	Downing, pale-green, 2 years, No. 1	35.00	-----
160	" " " 2 years, No. 2	25.00	-----
140	Glendale, reddish-purple, 2 years, No. 2	25.00	-----
200	" " " 1 year, No. 2	20.00	-----
400	Houghton, dark red, 2 years, No. 1	28.00	-----
2160	" " " 1 year, No. 2	20.00	175.00

CURRANTS

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
500	Cherry, dark red, 2 years, No. 1	\$22.00	\$200.00
2700	" " " 2 years, No. 2	18.00	150.00
400	Fay's Prolific, dark red 2 years, No. 1	22.00	200.00
1000	" " " " 2 years, No. 2	18 00	150.00
7900	Perfection, bright red, 2 years, No. 2	18.00	160.00
600	Red Cross, bright red, 2 years, No. 1	22.00	200.00
200	" " " " 2 years, No. 2	18.00	150.00
4000	Red Lake, light red, 2 years, No. 2	20.00	180.00
900	White Grape, white, 2 years, No. 1	25.00	220.00
900	" " " 2 years, No. 2	20.00	180.00
560	Wilder, dark red, 2 years, No. 1	22.00	200.00
2200	" " " 2 years, No. 2	18.00	150.00

SMALL FRUITS—Continued

RASPBERRIES

	Tied 25 per bundle	Per 100	Per 1000
4000 Chief, red suckers, No. 1	-----	\$ 7.50	\$ 70.00
3000 " " " ¼ inch	-----	8.50	80.00
12000 Cumberland, black tips	-----	6.00	50.00
5000 Indian Summer, red, suckers, No. 1	-----	8.50	80.00
14000 Latham, red, suckers, No. 1	-----	7.50	70.00
11000 " " " No. 2	-----	6.50	60.00
14000 Logan, black, tips	-----	6.00	50.00
4000 Morrison, black, tips No. 1	-----	7.00	65.00
4000 Newberg, red, suckers, No. 1	-----	7.50	70.00
4000 Sodus, purple, tips	-----	8.00	75.00
5000 St. Regis, red, suckers, No. 1	-----	7.50	65.00
12000 Tahoma, red, suckers, No. 1	-----	5.50	50.00

	Per 100	Per 1000
22000 Washington (New), red, suckers, No. 1	\$ 5.50	\$ 50.00
Valuable commercial variety recently introduced in the state of Washington, and is highly recommended as an abundant producer of high quality fruit suitable for freezing, canning or for the fresh market. Almost everbearing.		

BLACKBERRIES—Root Cutting Plants, No. 1

	Tied 25 per bundle				
	Per 100	Per 1000		Per 100	Per 1000
2200 Alfred	\$5.00	\$45.00	1500 Iceberg	\$5.00	\$45.00
3000 Early Harvest	5.00	45.00	500 Mersereau	5.00	45.00
7800 Eldorado	5.00	45.00	2200 Snyder	5.00	45.00

MISCELLANEOUS BERRIES

	Tied 25 per bundle	Per 100	Per 1000
10000 Boysenberry, tip plants, No. 1	-----	\$ 7.50	\$ 65.00
4500 Boysenberry, Thornless, tip plants, No. 1	-----	9.00	80.00
12000 Lucretia Dewberries, R. C. plants, No. 1	-----	4.50	40.00
6000 Youngberry, Tip plants, No. 1	-----	6.00	50.00
4000 " Thornless, tip plants, No. 1	-----	8.00	70.00

MISCELLANEOUS

		Per 100	Per 1000
10000 Asparagus, Mary Washington, 2 year	-----	\$ 2.10	\$ 18.00
34000 " " " 1 year	-----	1.70	14.00
12000 " Paradise, 2 year	-----	2.60	22.00
29000 " " 1 year	-----	1.90	16.00
2900 Horseradish, Cuttings	-----	6.00	50.00
1400 " Crowns	-----	9.00	80.00
1100 Rhubarb, Victoria, whole roots, ½ to ⅝ inch	-----	3.50	30.00
14000 " " " " ⅝ to 1 inch	-----	4.50	40.00
9000 " " " " 1 to 1½ inch	-----	5.60	50.00
1000 " " " " 1½ inch and up	-----	8.00	75.00

		Per 10	Per 100
4000 Rhubarb, McDonald, grown from divisions	-----	\$ 4.00	\$ 35.00
200 " Chipman's Red, grown from divisions	-----	5.50	50.00

FRUIT TREE STOCKS

We specialize in growing and distributing fruit tree stocks, maintaining an extensive plant in the State of Washington.

APPLE SEEDLINGS—Washington Grown

		Per 100	Per 1000
48000	1/4 inch and up, Branched, heavy	\$ 3.50	\$ 30.00
8000	1/4 inch and up, Straight, heavy	3.00	26.00
78000	No. 1, 3-16 to 1-4 inch, Branched, strong	2.90	25.00
64000	No. 1, 3-16 inch and up, Straight, strong	2.90	25.00
22000	Special or Stub Grade, 3-16 and up, strong	2.10	18.00
81000	No. 2, 2-16 to 3-16, Branched, strong	1.90	16.00
94000	No. 2, 2-16 to 3-16, Straight, strong	1.90	16.00
46000	No. 3, about 2-16	1.40	12.00
3000	3/8 inch and up, Branched, heavy	4.00	35.00

CHERRY MAHALEB—Washington Grown

22000	1/4 inch and up	3.50	30.00
58000	No. 1, 3-16 to 1-4 inch	2.90	25.00
14000	No. 2, 2-16 to 3-16	2.40	20.00
11000	No. 3, about 2-16	1.70	14.00
12000	3/8 inch and up	4.00	35.00

CHERRY MAZZARD—Washington Grown

8000	No. 2, 2-16 to 3-16	2.40	20.00
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PEACH SEEDLINGS—Shenandoah Grown

1500	5-16 inch and up	6.50	60.00
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PEAR SEEDLINGS—Washington Grown

BARTLETT

32000	No. 3, about 2-16	1.70	14.00
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PLUM MYROBOLAN—Washington Grown

98000	No. 2, 2-16 to 3-16	2.10	18.00
11000	No. 3, about 2-16	1.70	14.00

PLUM NATIVE—Shenandoah Grown

2000	1/4 inch and up	6.50	60.00
18000	No. 2, 2-16 to 3-16 inch	4.00	35.00
5000	No. 3, about 2-16 inch	2.90	25.00

ROSE SEEDLINGS

Shenandoah—grown

MULTIFLORA JAPONICA

		Per 100	Per 1000
3000	3/8 inch and up	\$ 5.60	\$ 50.00
23000	1/4 to 3/8 inch	4.00	35.00
28000	No. 2, 2-16 to 3-16 inch	2.40	20.00
5000	No. 3, about 2-16 inch	1.40	12.00

WICHURIANA

1000	No. 1, 3-16 to 1/4 inch	5.60	50.00
2800	No. 2, 2-16 to 3-16 inch	4.00	35.00
1900	No. 3, about 2-16 inch	2.90	25.00

SETIGERA

1500	1/4 inch and up	7.00	60.00
2200	No. 1, 3-16 to 1/4 inch	5.60	50.00
2700	No. 2, 2-16 to 3-16 inch	4.00	35.00
1500	No. 3 about 2-16 inch	2.90	25.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft and up, 25; 2-3 ft., 50; 18-24 and smaller, 100 per bundle.

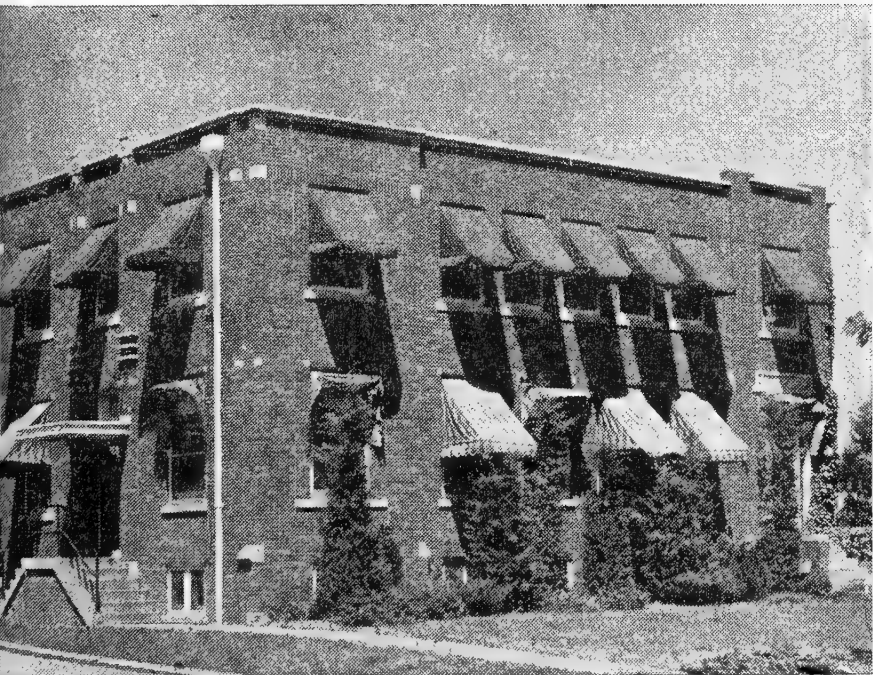
		Per 100	Per 1000
ASH, GREEN, <i>Fraxinus lanceolata</i>			
7000	6 to 12 inches	\$ 1.20	\$ 10.00
3000	12 to 18 inches	1.80	15.00
ASH, WHITE, <i>Fraxinus americana</i>			
4000	6 to 12 inches	1.20	10.00
2000	12 to 18 inches	1.80	15.00
CARAGANA <i>arborescens</i>, Siberian Pea-Tree			
2400	6 to 12 inches	2.90	25.00
CATALPA <i>Speciosa</i>, Western Catalpa			
20000	6 to 12 inches	1.10	9.00
23000	12 to 18 inches	1.70	14.00
29000	18 to 24 inches	2.40	20.00
2500	2 to 3 feet	3.20	28.00
3000	3 to 4 feet	4.50	40.00
ELM, AMERICAN WHITE, <i>Ulmus americana</i>			
28000	6 to 12 inches	.80	7.00
4000	12 to 18 inches	1.70	14.00
6000	18 to 24 inches	2.10	18.00
1000	4 to 5 feet	6.00	55.00
1500	5 to 6 feet	9.00	80.00
1200	6 to 8 feet	16.00	140.00
500	8 to 10 feet	25.00	
ELM, CHINESE, <i>Ulmus pumila</i>			
40000	6 to 12 inches	.80	7.00
9000	12 to 18 inches	1.40	12.00
7000	18 to 24 inches	1.90	16.00
8000	2 to 3 feet	2.60	22.00
6000	3 to 4 feet	4.00	35.00
3000	4 to 5 feet	6.00	55.00
1000	5 to 6 feet	9.00	80.00
1000	6 to 8 feet	16.00	140.00
450	8 to 10 feet	25.00	
HACKBERRY, <i>Celtis occidentalis</i>			
500	3 to 4 feet	6.00	
400	5 to 6 feet	9.00	
LOCUST, BLACK or YELLOW, <i>Robinia pseudoacacia</i>			
12000	12 to 18 inches	1.80	15.00
20000	18 to 24 inches	2.40	20.00
3000	2 to 3 feet	3.20	28.00
10000	3 to 4 feet	4.50	40.00
3400	4 to 5 feet	7.00	60.00
LOCUST HONEY, <i>Gleditisa triacanthos</i>			
2000	12 to 18 inches	2.10	18.00
4000	3 to 4 feet	4.50	40.00
1800	4 to 5 feet	6.50	60.00
400	5 to 6 feet	10.00	
MAPLE SILVER LEAVED, <i>Acer dasycarpum</i>			
2000	6 to 12 inches	1.20	10.00
10000	12 to 18 inches	1.90	16.00
4000	2 to 3 feet	3.50	30.00
2000	4 to 5 feet	8.00	70.00
400	6 to 8 feet	20.00	

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

		Per 100	Per 1000
OAK, Pin, <i>Quercus palustris</i>			
1000	9 to 12 inches	\$ 2.90	\$25.00
1700	12 to 18 inches	4.00	35.00
1600	18 to 24 inches	6.00	55.00
1400	2 to 3 feet	8.50	75.00
800	3 to 4 feet	12.00	100.00
600	4 to 5 feet	16.00	140.00
400	5 to 6 feet	22.50	200.00
Red, <i>Quercus rubra</i>			
1000	3 to 4 feet	14.00	120.00
300	4 to 5 feet	18.00	150.00
OSAGE ORANGE, <i>Maclura pomifera</i>			
7000	6 to 12 inches	.70	6.00
WALNUT BLACK, <i>Juglans nigra</i>			
4000	12 to 18 inches	3.50	30.00
2000	18 to 24 inches	4.50	40.00
5000	2 to 3 feet	6.00	55.00
4000	3 to 4 feet	9.00	80.00
1500	4 to 5 feet	16.00	140.00

ONE YEAR FROM CUTTINGS

		Per 100	Per 1000
WILLOW, <i>Salix</i>			
600	Russian Golden (<i>vitellina</i>) 2 to 3 feet	\$ 4 00	\$ -
2500	" " " 3 to 4 feet	5.00	45.00
1000	" " " 4 to 5 feet	7.00	60.00



Office Building. Erected fall 1938.



A section of the Order Department.

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ARALIA, mandshurica, 18 to 20 feet

Similar to the spinosa variety but much hardier. Long leaves with large clusters of small white flowers in July-August. Has tropical appearance.

		Per 10	Per 100	Per 1000
350	12 to 18 inches	\$1.90	\$16.00	\$
320	18 to 24 inches	2.50	22.00	
250	2 to 3 feet	3.50	30.00	
170	3 to 4 feet	4.50	40.00	
50	4 to 5 feet	5.50	50.00	

ASH, American White, Fraxinus alba

Tall growing, valuable tree for street and park planting.

340	5 to 6 feet	5.00	45.00	
600	6 to 8 feet	7.00	65.00	
300	8 to 10 feet	10.00	90.00	
100	1½ to 2 inches	16.50	150.00	

European, Fraxinus excelsior, 100 ft.

Tall growing with spreading habit; dark green foliage.

20	5 to 6 feet	600		
40	6 to 8 feet	10.00		
80	8 to 10 feet	14.00	125.00	
80	1½ to 2 inches	22.00	200.00	

Green, Fraxinus lanceolata, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

200	5 to 6 feet	4.50	40.00	
1100	6 to 8 feet	6.50	60.00	
2200	8 to 10 feet	9.00	85.00	
1000	1½ to 2 inches	16.50	150.00	
450	2 to 2½ inches	27.50	250.00	
50	2½ to 3 inches	40.00	350.00	

BIRCH, Cutleaf Weeping, Betula laciniata, 30-40 ft.

A graceful, white barked tree with drooping, limbs and cutleaf foliage. Highly recommended for lawn and park planting.

250	3 to 4 feet	8.00	75.00	
200	4 to 5 feet	11.00	100.00	

European White, Betula alba, 30-40 ft.

A hardy attractive tree with white bark.

110	4 to 5 feet	5.50	50.00	
70	5 to 6 feet	7.50	70.00	
20	6 to 8 feet	10.00		
20	8 to 10 feet	14.00		
10	1¼ to 1½ inches	16.50		
10	1½ to 1¾ inches	20.00		
5	1¾ to 2 inches	25.00		
10	2 to 2½ inches	32.50		

BOX ELDER, See Maple.

HOPA RED FLOWERING CRAB

A beautiful , upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruit red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

		Per 10	Per 100	Per 1000
100	4 to 5 feet	\$ 6 50	\$60.00	\$
450	5 to 6 feet	7.50	70.00	
280	5 to 6 feet, Bush Form	7.50	70.00	
600	6 to 8 feet	9.00	80.00	

DECIDUOUS TREES—Continued

CRAB, Flowering Malus. 15-30 ft.		Per 10	Per 100	Per 1000
3 to 4 feet	-----	\$6.50	\$60.00	\$ -----
4 to 5 feet	-----	8.00	75.00	-----
5 to 6 feet	-----	9.00	85.00	-----

	5-6	4-5	3-4
Aldenhamensis purpurea, crimson pink	10	-----	-----
Chinese spectabilis, bright pink	-----	40	-----
Coronaria, pink	75	35	10
Eleyi, single pink	140	-----	-----
Floribunda purpurea, single crimson	80	30	90
Parkmani, semi-double, pink. Dwarf	130	-----	-----
Redvein, niedzwetzkyana, red	100	40	70
Red Silver, pink	500	-----	-----
Red Silver, bush form pink	300	-----	-----
Schedecki, double red	5	60	-----

CRAB, Bechtel, ioensis plena, 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

	Per 10	Per 100	Per 1000
780 18 to 24 inches	\$4.00	\$ 35.00	-----
70 2 to 3 feet	5.50	50.00	-----

ELM—American White, Ulmus americana. 60-100 ft.

The most popular American tree for street and general planting.

680 5 to 6 feet	5.00	45.00	-----
2100 6 to 8 feet	6.50	60.00	-----
1650 8 to 10 feet	8.50	80.00	-----
1000 1¼ to 1½ inches	12.00	110.00	-----
1400 1½ to 1¾ inches	18.00	165.00	-----
900 1¾ to 2 inches	22.00	200.00	-----
2100 2 to 2½ inches	27.50	250.00	-----
1600 2½ to 3 inches	40.00	350.00	-----
870 3 to 3½ inches	55.00	500.00	-----
300 3½ to 4 inches	60.00	-----	-----
70 4 to 5 inches	75.00	-----	-----

Chinese, pumila, 40-50 ft.

A hardy, rapid grower, Slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

200 4 to 5 feet	3.50	30.00	-----
600 5 to 6 feet	5.00	45.00	-----
500 6 to 8 feet	6.50	60.00	-----
300 8 to 10 feet	8.50	80.00	-----
450 1¼ to 1½ inches	11.00	100.00	-----
1000 1½ to 2 inches	16.50	150.00	-----
270 2 to 2½ inches	27.50	250.00	-----

CHINESE ELM

Root Pruned Trees

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.

	Per 10	Per 100	Per 1000
400 4 to 5 feet, 7-16 to 9-16 inches	\$2.60	\$ 22.00	\$ -----
300 5 to 6 feet, 9-16 to 11-16 inches	3.80	33.00	300.00
600 6 to 8 feet, 11-16 to 7-8 inches	5.00	45.00	400.00
400 8 to 10 feet, 7-8 to 1 inch	7.00	65.00	600.00
250 1¼ to 1½ inches	8.00	75.00	-----

DECIDUOUS TREES—Continued

ELM, *Ulmus*—Continued**English, *campestris*, 75-100 ft.**

Spreading branches forming a broad, round topped head.

		Per 10	Per 100	Per 1000
60	5 to 6 feet	\$ 8.00	\$ ----	\$ ----
70	6 to 8 feet	11.00	100.00	-----
60	8 to 10 feet	15.00	135.00	-----
30	1¼ to 1½ inches	18.00	-----	-----
90	1½ to 1¾ inches	22.00	200.00	-----
100	1¾ to 2 inches	27.50	250.00	-----
150	2 to 2½ inches	35.00	325.00	-----
40	2½ to 3 inches	40.00	-----	-----
30	3 to 3½ inches	50.00	-----	-----

Lake City, 70-90 ft.

Upright, closely branched type of American Elm, suitable for street and boulevard planting. Highly recommended.

20	1¾ to 2 inches	20.00	-----	-----
50	2 to 2½ inches	25.00	-----	-----

Moline Elm. 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

280	6 to 8 feet	10.00	90.00	-----
400	8 to 10 feet	13.50	125.00	-----
300	1¼ to 1½ inches	16.50	150.00	-----
100	1½ to 1¾ inches	22.00	200.00	-----
150	1¾ to 2 inches	27.50	250.00	-----
560	2 to 2½ inches	35.00	325.00	-----
300	2½ to 3 inches	45.00	400.00	-----
60	3 to 3½ inches	55.00	-----	-----

Vase Elm, 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement

120	6 to 8 feet	10.00	90.00	-----
360	8 to 10 feet	13.50	125.00	-----
480	1¼ to 1½ inches	16.50	150.00	-----
760	1½ to 1¾ inches	22.00	200.00	-----
500	1¾ to 2 inches	27.50	250.00	-----
480	2 to 2½ inches	35.00	325.00	-----
470	2½ to 3 inches	45.00	400.00	-----
100	3 to 3½ inches	55.00	500.00	-----

HACKBERRY, *Celtis occidentalis*, 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

150	5 to 6 feet	5.50	50.00	-----
600	6 to 8 feet	8.00	75.00	-----
850	8 to 10 feet	11.00	100.00	-----
1600	1½ to 2 inches	16.50	150.00	-----
1000	2 to 2½ inches	27.50	250.00	-----
600	2½ to 3 inches	40.00	350.00	-----
200	3 to 3½ inches	50.00	-----	-----

HONEYLOCUST, *Gleditsia triacanthos*, 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

150	5 to 6 feet	6.50	60.00	-----
320	6 to 8 feet	10.00	90.00	-----
600	8 to 10 feet	13.50	125.00	-----
600	1½ to 2 inches	19.00	175.00	-----
100	2 to 2½ inches	27.50	250.00	-----
30	2½ to 3 inches	40.00	-----	-----

DECIDUOUS TREES—Continued**HONEYLOCUST, *Gleditsia*—Continued****Thornless, *Gleditsia triacanthos inermis*, 50-60 ft.**A variety of *Triacanthos* without thorns.

		Per 10	Per 100	Per 1000
60	5 to 6 feet	\$7.50	\$ 70.00	\$ -----
190	6 to 8 feet	11.00	100.00	-----
160	8 to 10 feet	15.00	135.00	-----
70	1½ to 2 inches	22.00	200.00	-----

KENTUCKY COFFEETREE, *Gymnocladus dioica*, 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

80	5 to 6 feet	11.00	100.00	-----
200	6 to 8 feet	16.50	150.00	-----
100	8 to 10 feet	22.00	200.00	-----

LINDEN, American, *Tilia americana*, 60-90 ft.

Rapid growing tree. Large, glossy leaves, fragrant yellow flowers, June.

150	5 to 6 feet	7.00	65.00	-----
250	6 to 8 feet	10.00	90.00	-----
190	8 to 10 feet, 1¼ to 1½ inches	13.50	125.00	-----
100	1½ to 2 inches	19.00	175.00	-----
70	2 to 2½ inches	27.50	250.00	-----

***cordata*, Littleleaf European Linden, 70 ft.**

Very small leaves and desirable habit of growth.

20	5 to 6 feet	10.00	90.00	-----
20	1½ to 2 inches	25.00	-----	-----

Pyramidal, Pyramidal American Linden, 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

60	5 to 6 feet	8.00	75.00	-----
160	6 to 8 feet	11.00	100.00	-----
110	8 to 10 feet	16.50	150.00	-----
120	1½ to 2 inches	25.00	225.00	-----
100	2 to 2½ inches	32.50	300.00	-----

***silvestris*, *Tilia silvestris*, 70 ft.**A variety of *Tilia cordata* small leaf European Linden.

40	6 to 8 feet	13.50	-----	-----
180	2 to 2½ inches	32.50	300.00	-----
160	2½ to 3 inches	42.50	375.00	-----
60	3 to 3½ inches	50.00	-----	-----

MAY DAY TREE, See *Prunus***MAPLE, Amur, *Acer ginnala*, 20-25 ft.**

Large shrub or small tree. Yellowish, fragrant flowers. April-May. Leaves and seed pods attractive.

20	4 to 5 feet	7.00	-----	-----
20	5 to 6 feet	10.00	90.00	-----
100	6 to 8 feet	13.50	125.00	-----

Box Elder, *Acer negundo*, 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

40	5 to 6 feet	5.50	50.00	-----
120	6 to 8 feet	8.00	75.00	-----
300	8 to 10 feet	11.00	100.00	-----
260	1½ to 2 inches	16.50	150.00	-----
40	2 to 2½ inches	22.50	-----	-----

DECIDUOUS TREES—Continued

MAPLE, *Acer*.—ContinuedNorway, *Acer platanoides*. 50-60 ft.

Hardy, popular tree. Fine for park and street planting. Spreading habit.

		Per 10	Per 100	Per 1000
290	6 to 8 feet, branched	\$13.50	\$125.00	\$
400	8 to 10 feet, branched	19.00	175.00	
150	1½ to 1½ inches	25.00	225.00	
20	1½ to 1¾ inches	32.50		
90	1¾ to 2 inches	37.50	350.00	
270	2 to 2½ inches	45.00	400.00	
100	2½ to 3 inches	52.50	475.00	

Silver, *Acer dasycarpum*. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

140	5 to 6 feet	5.00	45.00	
90	8 to 10 feet	11.00	100.00	
100	1¼ to 1½ inches	13.50	125.00	
140	1½ to 2 inches	17.50	160.00	
30	2 to 2½ inches	22.50		
80	2½ to 3 inches	30.00		
50	3 to 3½ inches	40.00		

Sugar, *Acer saccharum*. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

60	8 to 10 feet, 1 to 1¼ inches	22.00	200.00	
200	1¼ to 1½ inches	26.00	235.00	
130	1½ to 1¾ inches	32.50	300.00	
150	1¾ to 2 inches	45.00	400.00	
30	2 to 2½ inches	50.00		

MOUNTAIN ASH, European, *Sorbus aucuparia*. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

160	3 to 4 feet	5.00	45.00	
260	4 to 5 feet	6.50	60.00	
190	1½ to 2 inches	22.00	200.00	
260	2 to 2½ inches	32.50	300.00	
100	2½ to 3 inches	40.00	375.00	

Oakleaf, *Sorbus quercifolia*. 20-25 ft.

Upright, rather pyramidal growing tree with attractive foliage.

20	8 to 10 feet	17.50		
30	1½ to 2 inches	25.00		
15	2 to 2½ inches	35.00		

OAK, BLACK, *Quercus velutina*. 75-80 ft.

Deep green foliage turning yellow or reddish-brown in autumn.

50	4 to 5 feet	8.00		
60	5 to 6 feet	11.00	100.00	
90	6 to 8 feet	16.50	150.00	
90	8 to 10 inches	22.00	220.00	
80	1½ to 2 inches	27.50	250.00	
10	2 to 2½ inches	40.00		

Bur, Mossycup, *Quercus macrocarpa*. 75-80 ft.

Strong growing oak, picturesque appearance due to its corky branches.

150	4 to 5 feet	8.00	75.00	
200	5 to 6 feet	11.00	100.00	
150	6 to 8 feet	16.50	150.00	
150	8 to 10 feet	22.00	200.00	
150	1½ to 2 inches	32.50	300.00	
60	2 to 2½ inches	45.00	400.00	

DECIDUOUS TREES—Continued**OAK, Quercus—Continued****Laurel, Quercus laurifolia. 60-80 ft.**

An attractive Oak with slender branches forming a dense round topped head, and with handsome glossy foliage.

		Per 10	Per 100	Per 1000
70	5 to 6 feet	\$11.00	\$100.00	\$ -----
200	6 to 8 feet	16.50	150.00	-----
300	8 to 10 feet	22.00	200.00	-----
300	1½ to 2 inches	32.50	300.00	-----
100	2 to 2½ inches	45.00	400.00	-----

Pin, Quercus palustris. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

600	5 to 6 feet	11.00	100.00	-----
1200	6 to 8 feet	14.00	125.00	-----
1500	8 to 10 feet	19.00	175.00	-----
1400	1½ to 2 inches	27.50	250.00	-----
1000	2 to 2½ inches	38.00	350.00	-----
600	2½ to 3 inches	50.00	450.00	-----
350	3 to 3½ inches	60.00	550.00	-----
100	3½ to 4 inches	75.00	-----	-----

Pin, Quercus palustris, Trees out of Seedlings.

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a better root system, and they carry good caliper. They are good value for transplanting purpose.

300	6 to 8 feet, 11-16 to 7-8 inches	7.00	65.00	-----
700	8 to 10 feet, 7-8 to 1 inch	10.00	90.00	-----

Red, Quercus rubra. 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

200	5 to 6 feet	13.00	120.00	-----
300	6 to 8 feet	16.50	150.00	-----
600	8 to 10 feet, 1¼ to 1½ inches	22.00	200.00	-----
400	1½ to 2 inches	32.50	300.00	-----
100	2½ to 3 inches	55.00	500.00	-----

English, Quercus robur. 60-80 ft.

A long-lived Oak with stout branches, forming a broad round-topped head.

20	8 to 10 feet	22.50	-----	-----
40	1½ to 2 inches	30.00	-----	-----
30	2 to 2½ inches	40.00	-----	-----

Scarlet, Quercus coccinea. 75-90 ft.

Most striking Autumn colors; tall stately grower, deeply cut leaves.

150	5 to 6 feet	13.00	120.00	-----
180	6 to 8 feet	16.50	150.00	-----
200	8 to 10 feet, 1¼ to 1½ inches	22.00	200.00	-----
100	1½ to 2 inches	32.50	300.00	-----
10	2 to 2½ inches	40.00	-----	-----
10	2½ to 3 inches	50.00	-----	-----

White, Quercus alba. 60-80 ft.

A rugged Oak of slow growth making a large, magnificent tree.

120	5 to 6 feet	13.00	120.00	-----
400	6 to 8 feet	16.50	150.00	-----
650	8 to 10 feet	22.00	200.00	-----
450	1½ to 2 inches	33.00	300.00	-----
300	2 to 2½ inches	45.00	400.00	-----
140	2½ to 3 inches	55.00	500.00	-----
40	3 to 3½ inches	60.00	-----	-----

DECIDUOUS TREES—Continued

POPLAR, Bolleana, Silver Leaved. 50-60 ft.

		Per 10	Per 100	Per 1000
A rapid growing, columnar tree with silvery foliage.				
150	4 to 5 feet	\$5.50	\$ 50.00	\$ -----
100	5 to 6 feet	7.00	65.00	-----

Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

50	5 to 6 feet	4.00	-----	-----
30	6 to 8 feet	5.50	-----	-----
40	8 to 10 feet	8.00	-----	-----
200	1¼ to 1½ inches	10.00	90.00	-----
200	1½ to 2 inches	14.00	125.00	-----

Lombardy, nigra italica. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

210	8 to 10 feet, low branched	5.50	50.00	-----
290	1¼ to 1½ inches, low branched	7.00	65.00	-----
900	1½ to 2 inches, " "	10.00	90.00	-----
250	2 to 2½ inches, " "	14.00	125.00	-----

PRUNUS, Ornamental Plum**Hansen Bush Cherry. 6-7 ft.**

An improved *Prunus besseyi*; very productive and extremely hardy.

690	18 to 24 inches, transplants, branched	2.40	20.00	-----
140	2 to 3 feet, " "	2.90	25.00	-----

Padus commutata, May Day Tree. 18-20 ft.

Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

90	18 to 24 inches	2.90	25.00	-----
300	2 to 3 feet	4.00	35.00	-----
40	3 to 4 feet	5.50	-----	-----

PTELEA trifoliata, Common Hoptree (Wafer Ash). 10-12 ft.

Has clusters of seed pods that look and smell like hops.

30	4 to 5 feet	5.50	50.00	-----
110	5 to 6 feet	8.00	75.00	-----
170	6 to 8 feet	11.00	100.00	-----
80	8 to 10 feet	15.00	-----	-----

RED BUD, Cercis canadensis. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

250	18 to 24 inches	3.50	30.00	-----
80	2 to 3 feet	4.50	40.00	-----
60	3 to 4 feet	6.50	60.00	-----
100	4 to 5 feet	9.00	85.00	-----

RUSSIAN OLIVE, Elaeagnus angustifolia. 20-25 ft.

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Hardy.

120	6 to 8 feet	10.00	90.00	-----
-----	-------------	-------	-------	-------

For smaller sizes see *Elaeagnus* under shrubs.

SYCAMORE or American Planetree, Platanus occidentalis. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

80	5 to 6 feet	5.50	50.00	-----
400	6 to 8 feet	8.00	75.00	-----
500	8 to 10 feet	11.00	100.00	-----
800	1¼ to ½ inches	15.00	135.00	-----
200	1½ to 1¾ inches	22.00	200.00	-----

THORN, Crataegus, Arnoldiana, Arnold's Thorn. 18-20 ft.

An open-headed tree having white flowers in May and bright crimson fruit in August.

30	3 to 4 feet	10.00	-----	-----
10	4 to 5 feet	12.50	-----	-----

DECIDUOUS TREES—Continued

THORN, Crataegus.—Continued**Coccinea, Thicket Hawthorn. 20-25 ft.**

		Per 10	Per 100	Per 1000
Bushy tree, white flowers, dull red fruit.				
70	3 to 4 feet	\$10.00	\$ ----	\$ ----
60	4 to 5 feet	12.50	----	----
20	5 to 6 feet	15.00	----	----

Cordata, Washington Hawthorn, 20-25 ft.

Bright red fruit, brilliant autumn foliage.

80	4 to 5 feet	11.00	----	----
30	5 to 6 feet	15.00	----	----

Crusgalli, Cockspur Thorn. 15-18 ft.

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, long thorns.

60	3 to 4 feet	10.00	----	----
30	4 to 5 feet	12.50	----	----
80	5 to 6 feet	15.00	----	----

Mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

100	3 to 4 feet	6.50	60.00	----
180	4 to 5 feet	10.00	90.00	----
240	5 to 6 feet	14.00	125.00	----
120	6 to 8 feet	22.00	200.00	----

Punctata, Dotted Hawthorn. 25-30 ft.

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

90	3 to 4 feet	10.00	----	----
80	4 to 5 feet	12.50	----	----
130	5 to 6 feet	15.00	140.00	----
70	6 to 8 feet	20.00	----	----

WILLOW, Salix**Babylonica, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

60	3 to 4 feet	2.50	22.00	----
90	1½ to 1½ inches	14.00	125.00	----
40	1½ to 1¾ inches	16.50	----	----

Laurel leaved, Salix pentandra. 30-40 ft.

Hardy, upright grower with large, dark green leaves.

30	6 to 8 feet	7.50	----	----
50	8 to 10 feet	10.00	----	----

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

100	8 to 10 feet	11.00	100.00	----
220	1¼ to 1½ inches	13.50	125.00	----
150	1½ to 1¾ inches	16.50	150.00	----

Pussy, Salix discolor. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

230	5 to 6 feet	5.50	50.00	----
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Russian Golden, Salix vitellina aurea. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

50	6 to 8 feet	7.00	65.00	----
60	8 to 10 feet	10.00	90.00	----
40	1½ to 2 inches	13.50	----	----

Wisconsin Weeping, Salix blanda. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

200	3 to 4 feet	2.50	22.00	----
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ORNAMENTAL SHRUBS

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well finished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX sieboldianus (pentaphyllum), Five leaf Aralia. 10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

		Per 10	Per 100	Per 1000
250	18 to 24 inches	\$2.10	\$ 18.00	\$ -----
720	2 to 3 feet	2.90	25.00	-----
200	3 to 4 feet	4.00	35.00	-----

ALMOND, Pink Flowering, Prunus glandulosa. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

1450	12 to 18 inches, Own Root	2.90	25.00	-----
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ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red and white.

12 to 18 inches	1.70	14.00	-----
18 to 24 inches	2.10	18.00	-----
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	-----

	3-4'	2-3'	18-24"	12-18"
Anemonaeflorus, d pink	350	420	380	200
Ardens, d purple	220	240	380	280
Boule de Feu, d red	420	380	120	350
Jean d'Arc, d white	-----	80	140	100
Lucy, d red	-----	50	150	-----
Purple, semi-double	30	420	380	50
Rubis, s red	40	20	90	-----

ARONIA arbutifolia, Red Chokeberry. 8-10 ft.

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

		Per 10	Per 100	Per 1000
40	18 to 24 inches	\$ 2.50	\$ 22.00	\$ -----
90	2 to 3 feet	3.50	30.00	-----
100	3 to 4 feet	4.00	35.00	-----

melanocarpa, Black Chokeberry. 6-8 ft.

Attractive white flowers, smooth foliage, with black shiny fruit in autumn.

40	2 to 3 feet	3.50	30.00	-----
55	3 to 4 feet	4.00	35.00	-----

BARBERRY, Berberis

thunbergi Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

1650	9 to 12 inches	1.20	10.00	-----
2100	12 to 15 inches	1.80	15.00	-----
1200	15 to 18 inches	2.40	20.00	-----
2600	18 to 24 inches	2.90	25.00	-----
1400	2 to 2½ feet	3.50	30.00	-----
700	2½ to 3 feet	4.00	35.00	-----

See Hedging for Seedlings and smaller grades.

ORNAMENTAL SHRUBS—Continued

BARBERRY, *Berberis*—Continued

Box, *Berberis minor*. 2-3 ft.

Dwarf form of Japanese Barberry. Fine for low hedges or borders.

		Per 10	Per 100	Per 1000
250	12 to 15 inches.....	\$2.40	\$20.00	\$ -----
800	15 to 18 inches.....	2.90	25.00	-----
700	18 to 24 inches.....	4.00	35.00	-----
300	2 to 2½ feet.....	5.00	45.00	-----

Red Leaved, *Berberis atropurpurea*. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

940	12 to 15 inches.....	2.50	22.00	-----
620	15 to 18 inches.....	3.20	28.00	-----
290	2 to 2½ feet.....	4.50	40.00	-----

BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry Mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

Size	Wholesale Prices Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
150 18 to 24 inches.....	\$5.00	\$37.50	\$ -----	\$2.60	\$ 7.25	\$50.00
110 24 to 30 inches.....	6.25	52.50		3.00	10.00	70.00

TRUEHEDGE COLUMNBERRY

Var. *Berberis Thunbergi, erecta*

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

	Wholesale Prices Net			Retail Resale Prices			
	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
190 12 to 15 inches..	\$3.00	\$24.00	\$220.00	\$0.55	\$2.15	\$ 9.50	\$ 35.00
280 15 to 18 inches..	3.50	30.00	280.00	.70	2.75	12.00	45.00
1000 18 to 24 inches..	4.50	38.00	350.00	.85	3.50	15.50	57.00
100 2 to 2½ feet....	6.00	50.00	450.00	1.10	4.40	19.25	70.00
130 2½ to 3 feet....	8.00	65.00	-----	1.50	6.25	27.50	100.00

BUCKTHORN, *Rhamnus cathartica*, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

	Per 10	Per 100	Per 1000
900 2 to 3 feet.....	\$2.40	\$ 20.00	\$ -----
800 3 to 4 feet.....	3.20	28.00	-----
780 4 to 5 feet.....	4.00	35.00	-----

frangula, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.

80 18 to 24 inches.....	2.10	18.00	-----
110 2 to 3 feet.....	2.90	25.00	-----

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.

Concord

A new dark red Buddleia with blood-red eye shading lighter to edge of petals. Strong spikes.

250 Medium	2.50	22.00	-----
100 No. 1	3.20	28.00	-----

ORNAMENTAL SHRUBS—Continued

BUDDLEIA, Butterfly Bush—Continued

Dubonnet

A new, dark wine, dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size that do not sunburn. Per 10 Per 100 Per 1000

1100	Medium	\$2.40	\$20.00	\$180.00
2400	No. 1	2.90	25.00	220.00

Fortune (Plant Patent No. 206). 4-6 ft.

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retails at 75¢ each, \$6.00 per doz.)

170	No. 1	3.50	25.00	\$ ----
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Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

1100	Medium	2.40	20.00	180.00
2200	No. 1	2.90	25.00	220.00

Orchid Beauty

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

400	Medium	2.50	22.00	-----
480	No. 1	3.20	28.00	-----

WHITE BOUQUET

(Patent No. 536)

A new white Buddleia carrying 8" spikes of fully rounded-out blooms. Splendid for cut flower purposes. (Retail at 75¢ each, \$7.50 per doz.)

		Per 10	Per 100	Per 1000
220	No. 1	\$4.00	\$ 35.00	\$300.00

EMPIRE BLUE

Patent No. 557

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with a delicate lilac tone, the whole effect being an exquisite shade of blue.

		Per 10	Per 100	Per 1000
180	No. 1, dormant plants, field grown	\$4.00	\$ 35.00	\$ ----
	(Retails 75¢ each, \$7.50 per doz.)			

PINK DAWN

A Mount Arbor introduction—cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire Summer and Autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

		Per 10	Per 100	Per 1000
240	No. 1, dormant plants, field grown	\$4.00	\$ 35.00	\$ ----

ROYAL RED

Patent No. 556

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

		Per 10	Per 100	Per 1000
440	No. 1, dormant plants, field grown	\$4.00	\$ 35.00	\$ ----
	(Retails 75¢ each, \$7.50 per doz.)			

ORNAMENTAL SHRUBS—Continued

BUFFALOBERRY SILVER, *Shepherdia argentea*. 12-18 ft.

Large thorny shrub, almost tree-form with showy silvery foliage and red or yellow edible fruits.

		Per 10	Per 100	Per 1000
30	2 to 3 feet	\$3.00	\$	\$
100	3 to 4 feet	4.00	35.00	
75	4 to 5 feet	5.00	45.00	

CEPHALANTHUS occidentalis, Buttonbush. 5-6 ft.

Attractive foliage with round heads of creamy white flowers. July-September.

170	18 to 24 inches	2.10	18.00	
350	2 to 3 feet	2.90	25.00	

CHAENOMELES, See Cydonia**CORNUS, Dogwood****alba sibirica, Siberian Dogwood. 10-12 ft.**

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

1100	12 to 18 inches	1.70	14.00	
1220	18 to 24 inches	2.10	18.00	
300	2 to 3 feet	2.80	25.00	
1600	3 to 4 feet	4.00	35.00	300.00
1000	4 to 5 feet	4.50	40.00	350.00

florida, White Flowering Dogwood. 20-25 ft.

Flowering tree producing white flowers, foliage turning dark red in autumn.

220	3 to 4 feet	8.50	80.00	
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Goldentwig, *stolonifera flaviramea*. 8-10 ft.

Distinct yellow bark, has fine winter effect.

200	12 to 18 inches	1.90	16.00	
480	18 to 24 inches	2.50	22.00	
450	2 to 3 feet	3.20	28.00	
120	3 to 4 feet	4.00	35.00	

racemosa (paniculata) Gray Dogwood. 12-15 ft.

White flowers in May followed by white fruit.

150	12 to 18 inches	1.70	14.00	
460	18 to 24 inches	2.10	18.00	
100	2 to 3 feet	2.90	25.00	
130	3 to 4 feet	4.00	35.00	

sanguinea, Bloodtwig Dogwood. 10 ft.

Beautiful glossy red branches, greenish-white flowers. May-June.

100	18 to 24 inches	2.10	18.00	
30	2 to 3 feet	2.90	25.00	
110	3 to 4 feet	4.00	35.00	

stolonifera, Red Osier Dogwood. 10 ft.

Dark, wine-colored branches. White flowers in May-June followed with white berries.

100	18 to 24 inches	2.10	18.00	
360	2 to 3 feet	2.90	25.00	
300	3 to 4 feet	4.00	35.00	
140	4 to 5 feet	5.00	45.00	

COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

50	12 to 18 inches	2.10	18.00	
100	18 to 24 inches	2.90	25.00	
150	3 to 4 feet	4.00	35.00	
250	4 to 5 feet	5.00	45.00	

ORNAMENTAL SHRUBS—Continued

COTONEASTER—Continued

divaricata, Spreading Cotoneaster, 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

		Per 10	Per 100	Per 1000
200	18 to 24 inches	\$ 4.50	\$40.00	\$-----
250	2 to 3 feet	6.00	55.00	-----
100	3 to 4 feet	8.00	75.00	-----

horizontalis, Rock Cotoneaster, 3 ft.

Small, box-like leaves; bright red berries. Almost evergreen.

100	15 to 18 inches	5.50	50.00	-----
100	18 to 24 inches	7.00	65.00	-----

horizontalis wilsoni, Wilsons Cotoneaster, 5 ft.

Small box-like leaves and red berries. Foliage nearly evergreen.

70	2 to 3 feet	7.00	65.00	-----
110	3 to 4 feet	10.00	90.00	-----

CYDONIA japonica (Chaenomeles). Flowering Quince, 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

1500	12 to 18 inches	1.90	16.00	140.00
2200	18 to 24 inches	2.50	22.00	200.00
4600	2 to 3 feet	3.20	28.00	250.00
3400	3 to 4 feet	3.80	33.00	300.00

DEUTZIA Pride of Rochester, 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

150	18 to 24 inches	2.10	18.00	-----
550	2 to 3 feet	2.90	25.00	-----
1000	3 to 4 feet	4.00	35.00	300.00

ELAEAGNUS angustifolia, Russian Olive, 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

1250	12 to 18 inches	1.70	14.00	120.00
1600	18 to 24 inches	2.10	18.00	160.00
1000	2 to 3 feet	2.90	25.00	220.00

(For larger sizes—See Russian Olive under Deciduous Trees)

ELDER American, Sambucus canadensis, 8-10 ft.

Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.

90	18 to 24 inches	2.10	18.00	-----
260	2 to 3 feet	2.90	25.00	-----
300	3 to 4 feet	4.00	35.00	-----
200	4 to 5 feet	4.50	40.00	-----

Cutleaf, Sambucus Canadensis Acutiloba, 8-10 ft.

Dark green fern-like leaves, finely cut. White flowers, May-June.

40	18 to 24 inches	2.00	-----	-----
30	2 to 3 feet	3.00	-----	-----
35	3 to 4 feet	4.00	-----	-----
15	4 to 5 feet	5.00	-----	-----

Golden American, Sambucus canadensis aurea, 10-12 ft.

Hardy rapid growing shrub with outstanding yellow foliage.

60	18 to 24 inches	2.50	-----	-----
110	2 to 3 feet	3.50	30.00	-----
90	3 to 4 feet	4.50	40.00	-----

EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree), 10-12 ft.

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.

120	12 to 18 inches	2.90	25.00	-----
150	3 to 4 feet	7.00	65.00	-----
200	4 to 5 feet	9.00	85.00	-----

atropurpureus, Eastern Wahoo, 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

90	12 to 18 inches	2.10	18.00	-----
320	18 to 24 inches	2.90	25.00	-----
40	2 to 3 feet	3.50	-----	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued**European, europeaus. 12-15 ft.**

Dark green foliage with yellow and scarlet fruit in autumn.

		Per 10	Per 100	Per 1000
260	3 to 4 feet.....	\$ 4.50	\$40.00	\$.....
60	4 to 5 feet.....	5.00	.....	.....

yedoensis, Yeddo Euonymus. 12-15 ft.

Large shrub with masses of pink and orange four lobed fruit.

90	12 to 18 inches.....	2.10	18.00	.....
120	18 to 24 inches.....	2.90	25.00	.....
60	2 to 3 feet.....	3.50	30.00	.....

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

500	12 to 18 inches.....	1.70	14.00	.....
400	18 to 24 inches.....	2.10	18.00	.....
300	2 to 3 feet.....	2.90	25.00	.....

intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

1000	12 to 18 inches.....	1.70	14.00	.....
980	18 to 24 inches.....	2.10	18.00	.....
1190	2 to 3 feet.....	2.90	25.00	.....
240	3 to 4 feet.....	4.00	35.00	.....

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

1460	12 to 18 inches.....	1.70	14.00	.....
400	18 to 24 inches.....	2.10	18.00	.....
950	2 to 3 feet.....	2.90	25.00	.....
150	3 to 4 feet.....	4.00	35.00	.....

suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

50	12 to 18 inches.....	1.80	15.00	.....
150	18 to 24 inches.....	2.40	20.00	.....

HAMAMELIS, virginiana, Witchhazel. 12-15 ft.

Succeeds in moist places with partial shade. Yellow flowers late autumn.

180	12 to 18 inches.....	2.10	18.00	.....
260	18 to 24 inches.....	2.90	25.00	.....
170	2 to 3 feet.....	3.50	30.00	.....
150	3 to 4 feet.....	5.00	.....	.....

HONEYSUCKLE, Lonicera**bella albida, White Belle Honeysuckle. 10-12 ft.**

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

80	12 to 18 inches.....	1.70	14.00	.....
380	18 to 24 inches.....	2.10	18.00	.....
140	2 to 3 feet.....	2.90	25.00	.....
250	3 to 4 feet.....	4.00	35.00	.....

grandiflora rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright honeysuckles. Hardy, strong, upright grower.

700	12 to 18 inches.....	1.70	14.00	.....
600	18 to 24 inches.....	2.10	18.00	.....
120	2 to 3 feet.....	2.90	25.00	.....
100	3 to 4 feet.....	4.00	35.00	.....

ORNAMENTAL SHRUBS—Continued**HONEYSUCKLE *Lonicera*—Continued****Pink Tatarian, *tatarica rosea*. 10-12 ft.**

Hardy, vigorous grower. Pink flowers. April-May, red fruit.

		Per 10	Per 100	Per 1000
400	12 to 18 inches	\$1.70	\$14.00	\$-----
1000	18 to 24 inches	2.10	18.00	-----
80	2 to 3 feet	2.90	25.00	-----
110	3 to 4 feet	4.00	35.00	-----

Red Tatarian, *tatarica rubra*. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

400	12 to 18 inches	1.70	14.00	-----
1750	18 to 24 inches	2.10	18.00	-----
90	2 to 3 feet	2.90	25.00	-----
60	3 to 4 feet	4.00	35.00	-----

HONEYSUCKLE (Also see Hedging)**HYDRANGEA *arborescens grandiflora*, Snowhill. 5-6 ft.**

Large, double white flowers June-July. Thrives in shady places.

1000	12 to 18 inches	3.70	32.00	-----
400	18 to 24 inches	4.50	40.00	-----
1100	2 to 3 feet	5.50	50.00	-----
400	3 to 4 feet	6.50	60.00	-----

***paniculata grandiflora*, Peegee Hydrangea. 6-8 ft.**

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn, July-October.

1170	9 to 12 inches	2.40	20.00	-----
500	12 to 18 inches	3.20	28.00	-----
150	18 to 24 inches	4.00	35.00	-----
500	2 to 3 feet	5.00	45.00	-----

HYPERICUM *aureum*, Golden St. Johnswort. 4 ft.

Hardy shrub with bright yellow flowers. July-August.

150	18 to 24 inches	2.90	25.00	-----
360	2 to 3 feet	3.50	30.00	-----
40	3 to 4 feet	4.50	-----	-----

KOLKWITZIA *amabilis*, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

190	12 to 18 inches	3.50	30.00	-----
60	2 to 3 feet	5.00	-----	-----
500	3 to 4 feet	6.00	55.00	-----

LILAC, *Syringa*.**Common Purple, *vulgaris*. 12-18 ft.**

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

890	3 to 4 feet	4.50	40.00	-----
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Common White, *vulgaris alba*. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

30	12 to 18 inches	2.50	-----	-----
240	2 to 3 feet	4.00	35.00	-----
75	3 to 4 feet	5.00	45.00	-----

Chinese, *rothomagensis*. 8-10 ft.

Generally grown and sold for Persian lilac. Upright, vigorous grower, reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

		Per 10	Per 100	Per 1000
1050	18 to 24 inches	\$2.90	\$25.00	\$-----
1120	2 to 3 feet	3.50	30.00	-----
1960	3 to 4 feet	4.50	40.00	-----
100	4 to 5 feet	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued**LILAC, Syringa.—Continued****Persian Purple, persica. 8-10 ft.**

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Rothomangensis superior.

		Per 10	Per 100	Per 1000
400	18 to 24 inches	\$2.90	\$ 25.00	\$ -----
600	2 to 3 feet	3.50	30.00	-----
400	3 to 4 feet	4.50	40.00	-----
70	4 to 5 feet	5.50	50.00	-----

PHILADELPHUS, Mockorange**Banniere. 8 ft.**

New, early, semi-double, pure white. Blooms freely.

110	12 to 18 inches	2.10	18.00	-----
140	18 to 24 inches	2.90	25.00	-----

Bouquet Blanc. 4-5 ft.

Blooms freely in May and June. Very fragrant. Outstanding variety.

200	12 to 18 inches	2.10	18.00	-----
170	18 to 24 inches	2.90	25.00	-----

coronarius, Sweet Mockorange. 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

290	12 to 18 inches	1.70	14.00	-----
310	18 to 24 inches	2.10	18.00	-----

lemoinei, Lemoine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

220	12 to 18 inches	2.10	18.00	-----
110	2 to 3 feet	4.00	35.00	-----
250	3 to 3½ feet	4.50	40.00	-----

Virginal. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

625	9 to 12 inches	2.40	20.00	-----
1120	12 to 18 inches	3.20	28.00	-----
1150	18 to 24 inches	4.00	35.00	-----
450	3 to 4 feet	6.00	55.00	-----
250	4 to 5 feet	7.00	65.00	-----

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

120	3 to 4 feet	4.00	35.00	-----
55	4 to 5 feet	5.00	45.00	-----

Goldleaf Ninebark, opulifolius luteus (aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

375	18 to 24 inches	2.10	18.00	-----
630	2 to 3 feet	2.90	25.00	-----
860	3 to 4 feet	4.00	35.00	-----
520	4 to 5 feet	5.00	45.00	-----

opulifolius nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers, May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

250	3 to 4 feet	4.00	35.00	-----
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POTENTILLA fruticosa, Bush Cinquefoil. 4-5 ft.

Dwarf. Produces bright yellow flowers throughout the summer.

100	15 to 18 inches	2.40	20.00	-----
100	18 to 24 inches	2.90	25.00	-----

ORNAMENTAL SHRUBS—Continued

PRIVET—*Ligustrum*

Due to unfavorable weather, we are late in the digging and grading of our Privet. When grading is completed, we may have a supply of Amoor North and California available in the lighter grades.

Amoor North, amurense. 12-15 ft.

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

		Per 10	Per 100	Per 1000
4000	2 to 3 feet, 2 and 3 canes	\$ ---	\$ 10.00	\$ 90.00
5000	3 to 4 feet, 4 canes and up	---	16.00	140.00
1000	4 to 5 feet, 5 canes and up	---	22.00	200.00

California, ovalifolium. 12-15 ft.

An attractive, popular hedge plant where hardy.

1500	2 to 3 feet, 4 canes and up	---	10.00	90.00
2500	3 to 4 feet, 3 canes and up	---	10.00	90.00
1260	3 to 4 feet, 4 canes and up	---	14.00	120.00

ibota (obtusifolium), Border Privet. 10 ft.

Spreading habit. Blooms freely June-July. Attractive black berries.

300	2 to 3 feet	---	15.00	-----
300	3 to 4 feet	---	18.00	-----

Regel, regelianum. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

600	12 to 18 inches	---	18.00	150.00
800	18 to 24 inches	---	25.00	220.00
280	2 to 2½ feet	---	32.00	280.00
1100	2½ to 3 feet	---	40.00	350.00

PRUNUS, Ornamental Plums. (See Deciduous Trees.)**RHUS canadensis, Fragrant Sumac. (aromatica). 5-6 ft.**

Aromatic shrub. Small yellowish flowers, April-May followed by red berries.

		Per 10	Per 100	Per 1000
290	12 to 18 inches	\$2.40	\$ 20.00	\$ -----
190	18 to 24 inches	2.90	25.00	-----
180	2 to 3 feet	3.50	30.00	-----
160	3 to 4 feet	4.00	35.00	-----

RIBES odoratum, Golden Currant (Aureum). 6-8 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.

170	12 to 18 inches	1.70	14.00	-----
490	18 to 24 inches	2.10	18.00	-----
450	2 to 3 feet	2.90	25.00	-----
60	3 to 4 feet	4.00	35.00	-----

SALIX purpurea, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

110	18 to 24 inches	3.20	28.00	-----
490	2 to 2½ feet	3.70	32.00	-----
500	2½ to 3 feet	4.50	40.00	-----

SNOWBALL. (See Viburnum)**SPIREA Anthony Waterer. 3-4 ft.**

A valuable dwarf shrub, bright red flowers, June-September.

300	9 to 12 inches	1.80	15.00	-----
3900	12 to 15 inches	2.40	20.00	180.00
1000	15 to 18 inches	3.20	28.00	-----
700	18 to 24 inches	4.00	35.00	-----

arguta, Garland Spirea. 5-6 ft.

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

160	12 to 18 inches	1.70	14.00	-----
170	18 to 24 inches	2.10	18.00	-----
400	2 to 3 feet	2.90	25.00	-----
90	3 to 3½ feet	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Billiard Spirea, *billiardi*. 5-6 ft.

Bright pink flowers in spikes, July-September.		Per 10	Per 100	Per 1000
960	12 to 18 inches	\$1.70	\$14.00	\$-----
1000	18 to 24 inches	2.10	18.00	-----
690	2 to 3 feet	2.90	25.00	-----
50	3 to 4 feet	4.00	35.00	-----

Froebel Spirea. 4 ft.

Vigorous, spreading grower. Bright pink flowers, May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

100	9 to 12 inches	1.70	14.00	-----
600	12 to 18 inches	2.10	18.00	-----
700	18 to 24 inches	2.80	25.00	220.00
1400	2 to 2½ feet	3.50	30.00	280.00
1110	2½ to 3 feet	4.00	35.00	320.00

opulifolius, Ninebark. (See *Physocarpus*.)Thunberg, *Spirea thunbergi*. 3-4 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers, April.

240	12 to 18 inches	1.80	15.00	-----
790	18 to 24 inches	2.40	20.00	-----
950	2 to 2½ feet	3.20	28.00	250.00

Vanhoutte, *Spirea van houttei*. 8-10 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

1900	12 to 18 inches	1.70	14.00	-----
2900	18 to 24 inches	2.10	18.00	-----
7400	2 to 3 feet	2.90	25.00	-----

SYMPHORICARPOS, Snowberry

chenaulti, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.

700	18 to 24 inches	1.90	16.00	-----
1400	2 to 3 feet	2.50	22.00	-----
400	3 to 3½ feet	3.20	28.00	-----

racemosus, Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

1000	12 to 18 inches	1.40	12.00	-----
680	18 to 24 inches	1.90	16.00	-----
180	2 to 3 feet	2.50	22.00	-----

vulgaris, Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

500	12 to 18 inches	1.40	12.00	-----
1000	18 to 24 inches	1.90	16.00	-----
1270	2 to 3 feet	2.50	22.00	-----

SUMAC (See *Rhus*)

ORNAMENTAL SHRUBS—Continued

TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$1.70	\$14.00	\$
18 to 24 inches	2.40	20.00	.....
2 to 3 feet	2.90	25.00	.....
3 to 4 feet	4.00	35.00	.....
4 to 5 feet	5.00	45.00	.....

SILVER FOLIAGE VARIETIES

	4-5	3-4	2-3	18-24	12-18
Amurensis	50	50	100	.....	80
Odessana	50	150	300	.....	170

GREEN FOLIAGE VARIETIES

	4-5	3-4	2-3	18-24	12-18
Africana	480	480	240	260	680
Gallica Indica	10	10	.....	380	140
Tetandra Purpurea	40	380	560	480	540

VIBURNUM americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

	Per 10	Per 100	Per 1000
210 9 to 12 inches	\$1.80	\$15.00	\$
600 12 to 18 inches	2.40	20.00	.....

dentatum, Arrowhead. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

80 12 to 18 inches	1.70	14.00	.....
240 3 to 4 feet	4.00	35.00	.....
250 4 to 5 feet	5.00	45.00	.....

lantana, Wayfaring Tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

190 12 to 18 inches	1.80	15.00	.....
100 18 to 24 inches	2.40	20.00	.....
170 4 to 5 feet	4.50	40.00	.....

lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

180 12 to 18 inches	1.90	16.00	.....
260 18 to 24 inches	2.40	20.00	.....
50 4 to 5 feet	5.00	45.00	.....

molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

70 12 to 18 inches	1.70	14.00	.....
120 18 to 24 inches	2.40	20.00	.....

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

470 9 to 12 inches	1.80	15.00	.....
700 12 to 18 inches	2.40	20.00	.....
120 18 to 24 inches	2.90	25.00	.....
150 3 to 4 feet	4.50	40.00	.....

opulus sterilis, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

340 12 to 18 inches	3.50	30.00	.....
100 3 to 4 feet	6.50	60.00	.....

VITEX macrophylla, Big-Leaved Chaste Tree. 5-6 ft.

Semi-dwarf flowers of lavender-blue. Semi-hardy.

70 18 to 24 inches	3.20	28.00	.....
400 2 to 3 feet	4.00	35.00	.....
50 3 to 4 feet	5.00	45.00	.....

WEIGELA—When our grading records are completed about March 1, we may have some Weigela Eva Rathke, Weigela Variegated and Rosea available in some grades.

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades. .

BARBERRY, *Berberis thunbergi*, Japanese Barberry.

		Per 100	Per 1000
5000	9 to 12 inches, 1 year seedlings	\$ 5.50	\$ 50.00
10000	9 to 12 inches, 2 year seedlings, branched	7.00	65.00
9000	12 to 18 inches, 2 year seedlings, branched	9.00	80.00
6000	18 to 24 inches 2 years seedlings, branched	12.00	100.00
1400	12 to 15 inches, transplanted, 2 year branched, bushy	15.00	-----

ELM CHINESE. (See Deciduous Tree Seedlings).**HONEYSUCKLE, *Lonicera*, upright hardy varieties.****Tatarian, Pink, Red, White.**

1800	12 to 18 inches	8.50	75.00
1500	18 to 24 inches	12.00	100.00

PRIVET. (See Shrubs.)**SPIREA *Vanhoutte*.**

4500	10 to 15 inches	8.00	70.00
2200	12 to 18 inches	10.00	90.00

VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year. 10 per bundle.

AMPELOPSIS, Boston Ivy, *Parthenocissus tricuspidata* (veitchi). 30-40 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

		Per 10	Per 100	Per 1000
1900	2 year Medium	\$2.90	\$25.00	\$ -----
600	2 year No. 1	4.00	35.00	-----

Engelmann Creeper, *engelmanni*. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

870	2 year Medium	1.90	16.00	140.00
1650	2 year No. 1	2.40	20.00	180.00
150	3 year No. 1	2.90	25.00	-----

St. Paul, *saintpauli*. 30-40 ft.

An improved type of Engelmanni.

200	2 year Medium	2.40	20.00	-----
100	2 year No. 1	2.90	25.00	-----

Virginia Creeper, *quinquefolia*. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

900	2 year Medium	1.90	16.00	140.00
1800	2 year No. 1	2.40	20.00	180.00
500	3 year No. 1	2.90	25.00	-----

BIGNONIA, (*Campsis*) *radicans*, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

650	2 year Medium	1.80	15.00	-----
400	2 year No. 1	2.40	20.00	-----
100	3 year No. 1	2.90	25.00	-----

CELASTRUS, *orbiculatus*, Oriental Bittersweet. 20-25 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

120	2 year Medium	1.80	15.00	-----
790	2 year No. 1	2.40	20.00	-----
200	3 year No. 1	2.90	25.00	-----

VINES—Continued

CELASTRUS—Continued

scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

			Per 10	Per 100	Per 1000
200	2 year Medium	-----	\$1.80	\$15.00	\$-----
260	2 year No. 1	-----	2.40	20.00	-----
590	3 year No. 1	-----	2.90	25.00	-----

CLEMATIS

crispa, Curly Clematis. 3-4 ft.

A slender vine with purplish flowers. Fragrant.

700	2 year Medium	-----	2.50	22.00	-----
230	2 year No. 1	-----	3.20	28.00	-----

paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in September.

400	2 year Medium	-----	2.90	25.00	-----
200	2 year No. 1	-----	4.00	35.00	-----
400	3 year No. 1	-----	4.50	40.00	-----

texensis, Scarlet Clematis (coccinea). 5-6 ft.

Large, bell shaped scarlet flowers. Attractive foliage.

800	2 year No. 1	-----	3.20	28.00	-----
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EUONYMUS

radicans, (fortunei) Wintercreeper. 5-6 ft.

Evergreen, shining deep green foliage. Upright habit. Needs some protection.

300	2 year Medium	-----	2.50	22.00	-----
500	2 year No. 1	-----	3.50	30.00	-----
100	3 year No. 1	-----	4.00	35.00	-----

radicans coloratus, Purpleleaf Wintercreeper.

Almost evergreen. Long, narrow leaves of deep green, tinged purple; highly colored in fall and early winter.

300	2 year Medium	-----	2.50	22.00	-----
100	2 year No. 1	-----	3.50	30.00	-----

radicans vegetus, Bigleaf Wintercreeper. 3-6 ft.

Evergreen, Dark green, thick leaves, producing bright scarlet berries.

100	2 year Medium	-----	3.50	30.00	-----
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HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

230	2½ inch pot plants	-----	1.40	12.00	-----
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HONEYSUCKLE, Lonicera.

Gold Flame. 15 ft.

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

500	2 year No. 1	-----	4.00	35.00	-----
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Hall's Japan, japonica halleana. 20-25 ft.

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

1500	2 year Medium	-----	1.70	14.00	120.00
4000	2 year No. 1	-----	2.10	18.00	150.00
200	3 year No. 1	-----	2.40	20.00	180.00

VINES—Continued

HONEYSUCKLE, *Lonicera*.—Continued

heckrotti, (Summer King). 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy. .

		Per 10	Per 100	Per 1000
200	2 year No. 1	\$4.00	\$35.00	\$----

Scarlet Trumpet Honeysuckle, *sempervirens*. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

1000	2 year Medium	1.90	16.00	-----
700	2 year No. 1	2.40	20.00	180.00
1900	3 year No. 1	2.90	25.00	220.00

POLYGONUM *auberti*, Silvertine Fleeceflower. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

1900	2 year Medium	2.90	25.00	-----
1600	2 year No. 1	3.50	30.00	-----

WISTERIA, *American frutescens*. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers, June-July.

100	2 year Medium, grown from blooming wood	1.80	15.00	-----
150	2 year No. 1, grown from blooming wood	2.40	20.00	-----
300	3 year No. 1, grown from blooming wood	2.90	25.00	-----

multijuga, Blue, Longcluster Wisteria. 30-35 ft.

Extra long clusters of flowers in May-June. Strong grower. Valuable.

500	2 year Medium, grown from blooming wood	2.50	22.00	-----
100	2 year No. 1, grown from blooming wood	3.50	30.00	-----



JUNIPER PFITZERIANA

Our Pfitzer Juniper are frequently sheared, developing into compact heavy well furnished plants. All grades are available up to 5 to 6 foot spread, including beautiful specimens that have been staked, sheared and grown upright.

EVERGREENS

All orders for Evergreens are accepted without liability for non-performance due to labor shortage.

Prices are for Evergreens Securely Balled and Burlapped.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 20% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

We cannot assume responsibility for the successful transplanting of Evergreens, as weather conditions, method of handling and care govern results secured and are sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

FIR, Abies

CONCOLOR, White Fir. 70-80 ft.

Silvery toned foliage varying from sea-green to deep blue. Forms a compact symmetrical tree.	Per 10	Per 100
18 to 24 inches.....	\$20.00	\$ -----
2 to 3 feet.....	27.50	-----

PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.

A Colorado specie of rapid growth. Makes a large symmetrical tree. Foliage Bluish-green. Very drought resisting and may be planted in dry soils where others cannot survive.		
2 to 3 feet.....	22.50	-----

JUNIPER, Juniperus

CHINENSIS PFITZERIANA, Pfitzer Juniper, 5-6 ft.

Handsome gray green foliage. A valuable hardy variety succeeding almost everywhere.		
15 to 18 inches.....	17.50	160.00
18 to 24 inches.....	21.00	190.00
2 to 2½ feet.....	26.50	240.00
2½ to 3 feet.....	30.00	275.00
3 to 3½ feet.....	35.00	325.00
3½ to 4 feet.....	40.00	360.00
2½ to 3 feet, Staked Upright, Heavy.....	45.00	400.00
3 to 3½ feet, " " ".....	50.00	450.00
3½ to 4 feet, " " ".....	55.00	500.00

COMMUNIS ASHFORDI, Ashford Juniper. 10 ft.

Of open loose growth, branched at groundline. Short needles of silvery grayish green deepening into purple shades during winter.		
12 x 12 inches.....	11.00	
15 x 15 inches.....	14.00	125.00
18 x 18 inches.....	17.50	160.00
24 x 24 inches.....	22.50	

COMMUNIS CANADENSIS, Canada Juniper. 2½-3 ft.

Low, vase shaped habit of growth. Bright green foliage, light blue berries.		
2 to 2½ feet.....	17.50	-----
2½ to 3 feet.....	22.50	-----

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in autumn.	Per 10	Per 100
15 to 18 inches.....	\$14.00	\$ -----
18 to 24 inches.....	18.00	165.00
2 to 2½ feet.....	22.50	200.00
2½ to 3 feet.....	25.00	225.00

EVERGREENS—Continued

JUNIPER—Continued

COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

	Per 10	Per 100
18 to 24 inches	\$12.00	\$110.00
2 to 3 feet	16.50	150.00
3 to 4 feet	22.50	200.00
4 to 5 feet	27.50	250.00

PROCUMBENS, Creeping Chinese Juniper.

The best of creepers. Foliage bright bluish cast. Will grow anywhere.

18 to 24 inches	20.00	-----
2 to 2½ feet	25.00	-----

PROSTRATE

These superior low, dense growing strains of Prostrate Juniper are the best we have ever seen. Of Rocky Mountin origin, extremely hardy and very desirable for bank and ground covering. Color varying from green to silver. 6 to 8 inches in height.

18 to 24 inches	17.50	-----
2 to 2½ feet	22.50	-----
2½ to 3 feet	27.50	-----

Admirabilis	Eximus	Planifolius
Adpressus		Subglaucus

SABINA, Savin Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and for underplanting.

15 to 18 inches	16.50	150.00
18 to 24 inches	19.00	175.00
2 to 2½ feet	25.00	225.00
2½ to 3 feet	30.00	275.00
3 to 3½ feet	35.00	325.00

SABINA HORIZONTALIS, Creeping Savin. 6-8 ft.

Trailing stems and upright spreading branches. Dark green foliage.

18 to 24 inches	17.50	-----
2 to 2½ feet	22.50	-----
2½ to 3 feet	27.50	-----
3 to 3½ feet	32.50	-----

SCOPULORUM, Colorado Silver Juniper. 25-30 ft.

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy.

18 to 24 inches	16.50	150.00
2 to 2½ feet	19.00	175.00
2½ to 3 feet	25.00	225.00
3 to 3½ feet	30.00	275.00
12 x 12 inches, Globe Sheared	16.50	150.00
15 x 15 inches, " "	20.00	185.00
18 x 18 inches, " "	25.00	225.00

SCOPULORUM FULGENS. 20-30 ft.

Upright pyramidal habit of growth with bluish-green foilage, more silver at tips.

4 to 4½ feet	45.00	-----
4½ to 5 feet	50.00	-----

SCOPULORUM FUNALIS. 20-30 ft.

Pyramidal habit of growth with bluish-green, whipcord foliage, slightly silver tinged in winter.

3 to 3½ feet	35.00	-----
4 to 4½ feet	45.00	-----

EVERGREENS—Continued

JUNIPER—Continued

SCOPULORUM MOFFETI. 20-30 ft.

Pyramidal habit of growth with mixed green and silver foliage, more silver on tips of branches.

	Per 10	Per 100
2½ to 3 feet	\$30.00	\$-----
3½ to 4 feet	40.00	-----

SCOPULORUM PATHFINDER. 20-25 ft.

A bluish-silver type of Scopulorum with very pyramidal habit of growth and with Arbor Vitae-like flat foliage. This variety is increasing rapidly in popularity.

2 to 2½ feet	25.00	225.00
2½ to 3 feet	30.00	275.00
3 to 3½ feet	35.00	325.00
3½ to 4 feet	42.50	400.00

SCOPULORUM SILVER BEAUTY. 20-30 ft.

Pyramidal habit of growth, full at base, with greenish silver foliage, more silver on tips of branches.

2½ to 3 feet	30.00	-----
3½ to 4 feet	40.00	-----
4 to 4½ feet	45.00	-----

VIRGINIANA, Red Cedar. 30-40 ft.

Platte River Strain. Upright growth, deep green foliage, sometimes silver. Excellent pyramidal tree if kept sheared. Can be sheared into any form.

18 to 24 inches	14.00	125.00
2 to 3 feet	17.50	160.00
3 to 3½ feet	22.00	200.00
3½ to 4 feet	28.00	250.00
4 to 5 feet	35.00	325.00
5 to 6 feet	42.50	400.00
6 to 8 feet	60.00	-----
12 x 12 inches, Globe Sheared	14.00	125.00
15 x 15 " " "	16.50	150.00
18 x 18 " " "	22.50	200.00
24 x 24 " " "	28.00	250.00

VIRGINIANA BLUE RAPIDS. 30-40 ft.

Pyramidal growing Juniper carrying blue-green foliage retaining its good color throughout the fall and winter. Hardy.

3½ to 4 feet	40.00	-----
4 to 4½ feet	45.00	-----
4½ to 5 feet	55.00	-----
5 to 6 feet	65.00	-----
6 to 8 feet	80.00	-----
8 to 10 feet	100.00	-----

VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

3 to 3½ feet	35.00	325.00
3½ to 4 feet	40.00	375.00

VIRGINIANA CANNARTI, Cannart Red Cedar

Foliage deep rich green. One of the best of the many grafted varieties.

2½ to 3 feet	32.50	300.00
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EVERGREENS—Continued**JUNIPER—Continued****VIRGINIANA ELEGANTISSIMA LEE, Gold Tip Red Cedar. 12-15 ft.**

Dark green foliage. Golden tipped in autumn.	Per 10	Per 100
2 to 2½ feet sheared upright	\$25.00	\$-----
2½ to 3 feet, " "	30.00	-----
3 to 3½ feet, " "	35.00	-----
3½ to 4 feet, " "	40.00	-----
2 to 2½ feet, prostrate type	25.00	-----
2½ to 3 feet, " "	30.00	-----
3 to 3½ feet, " "	35.00	-----

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.

2 to 2½ feet	27.50	250.00
2½ to 3 feet	32.50	300.00
3 to 3½ feet	37.50	-----

VIRGINIANA PYRAMIDALIS, Pyramidal Red Cedar. 20-25 ft.

Green foliage, narrow columnar habit of growth. An attractive Evergreen.

2½ to 3 feet	32.50	-----
3 to 3½ feet	37.50	-----
3½ to 4 feet	45.00	-----

VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper. 15-20 ft.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter..

2½ to 3 feet	32.50	-----
3½ to 4 feet	42.50	-----
4 to 4½ feet	50.00	-----
4½ to 5 feet	55.00	-----
5 to 6 feet	65.00	-----
6 to 8 feet	80.00	-----

PINE, Pinus**MONTANA MUGHUS, Mugho Pine. 3-4 ft.**

Deep green in summer and winter. Free from insects and pests and will grow in almost any location.

2 to 2½ feet	27.50	250.00
2½ to 3 feet	35.00	-----

NIGRA, Austrian Pine. 60-70 ft.

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.

4 to 5 feet	45.00	-----
5 to 6 feet	65.00	-----

PONDEROSA, Western Yellow Pine, Bull Pine. 50-100 ft.

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.

3 to 4 feet	32.50	300.00
4 to 5 feet	40.00	-----
5 to 6 feet	60.00	-----

STROBUS, White Pine. 50-100 ft.

A fast-growing pine that thrives on almost any kind of soil. Valuable for background or windbreak planting.

2 to 3 feet	20.00	-----
3 to 4 feet	32.50	300.00
4 to 5 feet	42.50	-----
5 to 6 feet	55.00	-----

EVERGREENS—Continued**PINE, Pinus.—Continued****SYLVESTRIS, Scotch Pine. 60-70 ft.**

Light green in color. The rapidity of growth, great hardiness and the ease with which it may be grown on almost all soils has made this tree a favorite.

	Per 10	Per 100
2 to 3 feet	\$20.00	\$-----
3 to 4 feet	30.00	275.00
4 to 5 feet	42.50	400.00
5 to 6 feet	55.00	-----

SPRUCE, PICEA**CANADENSIS, White Spruce. 60-80 ft.**

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.

18 to 24 inches	15.00	\$135.00
2 to 3 feet	20.00	175.00
3 to 4 feet	30.00	275.00

CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.

Hardiest of all Spruces. Symmetrical, compact and bushy habit of growth. foliage varies from green to bluish tint.

15 to 18 inches	14.00	125.00
18 to 24 inches	16.50	150.00
2 to 2½ feet	22.50	200.00
2½ to 3 feet	27.50	250.00
3 to 3½ feet	35.00	325.00

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for windbreaks and general planting. Rapid growth.

18 to 24 inches	15.00	135.00
2 to 3 feet	20.00	175.00
3 to 4 feet	30.00	275.00
4 to 5 feet	40.00	375.00

PUNGENS, Colorado Green Spruce. 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

18 to 24 inches	22.50	200.00
2 to 2½ feet	27.50	250.00
2½ to 3 feet	32.50	300.00
3 to 3½ feet	37.50	350.00

TAXUS, Yew**CUSPIDATA, Spreading Japanese Yew. 5-6 ft.**

Spreading form. Dark green needles. Valuable for foundation planting.

15 to 18 inches	30.00	-----
18 to 24 inches	35.00	-----

ROSES**Mostly California Grown**

As our rose grading has not been completed, our records are not fully complete. According to the best estimates, should have a limited supply of roses available in the varieties and grades listed. In ordering, please give us permission to substitute varieties and grades if necessary. If XX grade used for No. 1, plants will be invoiced as XX.

As the supply of roses is limited, we are offering them only in connection with orders for a general assortment of stock. Plants in the No. 1 grade are tied 10 per bundle; XX Heavy are tied 5 per bundle. Please order in such multiples that it will not be necessary to break bunches.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$ 6.50	\$60.00
XX Heavy	7.50	70.00

RED SHADES

Ami Quinard, velvety crimson-maroon, vigorous and profuse.
E. G. Hill, great massive blooms of deep velvety-maroon.
Etoile de Hollande, dark velvety-red with fine fragrance.
Grenoble, long-stemmed beautifully shaped blooms of scarlet-crimson.
Gruss an Teplitz, medium sized, dark maroon blooms in clusters. Very hardy.
McGredy's Scarlet, large brilliant scarlet shaded rose-pink.
Poinsettia, bud long-pointed; large, double open flowers of bright unfading scarlet
 Vigorous, prolific bloomer.
Radiance Red, bright rose-red, form of Radiance.
Rouge Mallerin, double, well formed blooms of striking and lasting deep red.
Syracuse, scarlet-crimson on vigorous upright plant. Double.
Victoria Harrington, velvety, dark red rose of merit. Intensely fragrant.

PINK SHADES

Betty Uprichard, salmon-pink stained with coppery-red.
Dainty Bess, single, waxy petaled rose-pink; wine-red stamens.
Editor McFarland, shapely buds and double, brilliant pink blooms.
Leonard Barron, light salmon and shell pink suffused with pale copper. Hardy.
Miss Rowena Thom, large brilliant satiny pink with gold base. Fragrant.
Mrs. Chas. Bell, soft, salmon-pink, sweetly perfumed.
Radiance Pink, large, brilliant rose-pink. Very fragrant.

HYBRID TEA AND EVERBLOOMING—Continued**YELLOW SHADES**

Gloriana, a rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep color of Condesa de Sastago.
Joanna Hill, large, yellow with bronze shadings in center. Fragrant, vigorous.
McGredy's Yellow, bright buttercup yellow with perfect form. Fragrant.
Mrs. E. P. Thom, large, well shaped, bright canary yellow.
Roslyn, large, double, deep golden-yellow. Vigorous grower.
Souer Therese, double blooms of rich yellow. Vigorous.
Souv. de Claudius Pernet, long buds opening to full bloom of rich yellow.

TWO-TONED SHADES

Autumn, double blooms of orange, yellow and red. Vigorous and upright.
Edith Nellie Perkins, pointed buds, rich orange outside and salmon-pink inside.
Talisman, glowing golden-yellow stained copper red.
Talisman No. 5, Talisman strain used by Florists for forcing.
Treasure Island, flaming coppery-pink, inside of petals light salmon, orange at base; strong stem. Bud long-pointed; flowers large and fragrant. Received highest award of Silver medal at San Francisco Fair; also Certificate of merit from New York's World's fair in 1940.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued**BABY ROSES—Dwarf Polyantha****Mostly California Grown**

	Per 10	Per 100
No. XX Heavy	\$ 7.50	\$ 70.00

RED SHADES**Crimson Baby**, small, semi-double, light crimson, dense clusters.**Sparkler**, a fine, cluster-flowered type, brilliant red flowers.**Triomphe Orleanais**, large clusters of cherry-red.**PINK SHADES****Chatillon**, vivid, light salmon-pink, semi-double flowers in enormous heads.**YELLOW AND TWO-TONED SHADES****Golden Salmon Superior**. An improvement on Golden Salmon.**Orange Triumph**, salmon-red with orange shadings, blooming in enormous clusters.**FLORIBUNDA ROSES**

The Floribunda group of roses represent hardy varieties recommended for mass color effect. The habit of growth is of medium height. They are disease resistant, bloom continuously in large clusters and do not fade in hot summer suns.

The Floribunda varieties should be planted in groups of three or more of a kind. They are recommended for use among shrubs, for continuous color, as hedges, borders, as massed bed plantings, for parks and along roadsides.

	Per 10	Per 100
No. XX Heavy	\$ 7.50	\$ 70.00

RED SHADES**Kirsten Poulsen**, bright scarlet in clusters on long stems.**PINK SHADES****Else Poulsen**, bright, rose-pink, semi-double, lasting.**RUGOSA, HYBRIDS AND MISCELLANEOUS****Mostly Own Roots**

	Per 10	Per 100	Per 1000
Agnes , double yellow Rugosa, fragrant, blooms early.			
260 3 to 4 feet	\$7.00	\$ 65.00	\$
Belle Poitevine , bright pink in clusters, everblooming.			
700 2 to 3 feet	5.50	50.00	.....
600 18 to 24 inches	4.50	40.00	.....
270 12 to 18 inches	3.50	30.00	.....
Blanda , soft pink flowers borne in clusters.			
100 3 to 4 feet	5.50	50.00	.....
490 2 to 3 feet	4.50	40.00	.....
360 18 to 24 inches	3.50	30.00	.....
Carolina , bright rose-pink flowers borne singly in clusters.			
30 3 to 4 feet	5.50	50.00	.....
320 2 to 3 feet	4.50	40.00	.....
350 18 to 24 inches	3.50	30.00	.....
Dr. Eckener , large, semi-double flowers, coppery rose in center.			
Vigorous and hardy.			
200 2 to 3 feet	6.50	60.00	.....
100 18 to 24 inches	5.50	50.00	.....

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS—Continued

		Per 10	Per 100	Per 1000
F. J. Grootendorst , small bright red flowers in clusters.				
160	3 to 4 feet	\$7 00	\$ 65.00	\$ -----
1000	2 to 3 feet	6.50	60.00	-----
1100	18 to 24 inches	5.50	50.00	-----
1000	12 to 18 inches	4.50	40.00	-----
400	9 to 12 inches	3.50	30.00	-----
Grootendorst Pink , charming pink variety of Grootendorst.				
150	2 to 3 feet	6.50	60 00	-----
160	18 to 24 inches	5.50	50.00	-----
300	12 to 18 inches	4.50	40.00	-----
Grootendorst Supreme , sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.				
60	2 to 3 feet	6.50	-----	-----
100	12 to 18 inches	4.50	40.00	-----
Hansa , double, reddish flowers of large size.				
800	3 to 4 feet	6.50	60.00	-----
110	12 to 18 inches	3.50	-----	-----
Hugonis , light yellow flowers borne profusely along the branches. Very hardy, blooms very early.				
600	3 to 4 feet	7.00	65.00	-----
1500	2 to 3 feet	6.50	60 00	-----
1000	18 to 24 inches	5.50	50.00	450.00
1000	12 to 18 inches	4.50	40 00	350.00
Mrs. Anthony Waterer , double crimson, Rugosa foliage.				
75	12 to 18 inches	3.50	30.00	-----
Nitida , deep pink flowers, extremely hardy.				
60	18 to 24 inches	4.50	40.00	-----
90	12 to 18 inches	3.50	30.00	-----
Rugosa Alba , splendid foliage with single white blooms.				
40	2 to 3 feet	7.00	65.00	-----
50	18 to 24 inches	6.00	55.00	-----
Rugosa Rubra , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.				
500	2 to 3 feet	5.50	50.00	-----
100	18 to 24 inches	4.50	40.00	-----
280	12 to 18 inches	3.50	30.00	-----
Setigera , bright pink flowers, big clusters, blooms late.				
560	2 to 3 feet	3.20	28.00	-----
600	18 to 24 inches	2.50	22.00	-----
200	12 to 18 inches	1.90	16.00	-----
Skyrocket (Wilhelm) , Shrub rose with long pointed buds opening to large single red flowers borne in large clusters; fragrant. Blooms from June to October.				
100	2 to 3 feet	6.50	60.00	-----
200	18 to 24 inches	5.50	50.00	-----
100	12 to 18 inches	4.50	40.00	-----

CLIMBERS AND RAMBLERS

		Per 10	Per 100	Per 1000
American Pillar , single rose pink, white center, vigorous.				
300	No. 1	\$5.50	\$ 50.00	\$ -----
600	No. 1½	4.50	40.00	-----

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

			Per 10	Per 100	Per 1000
Climbing American Beauty , flowers rich red to Crimson.					
150 XX Heavy	-----		\$7.50	\$70.00	\$-----
100 No. 1	-----		6.50	60.00	-----
500 No. 1½	-----		5.00	45.00	-----
1100 No. 2	-----		4.00	35.00	-----
Dorothy Perkins , soft shell pink flowers.					
170 XX, Heavy	-----		5.50	50.00	-----
1200 No. 1	-----		4.50	40.00	350.00
1000 No. 1½	-----		3.50	30.00	270.00
300 No. 2	-----		2.50	22.00	-----
Dr. Van Fleet , pale pink buds and flowers on long stems.					
400 No. 1	-----		6.00	50.00	-----
250 No. 1½	-----		5.00	45.00	-----
Excelsa , double scarlet crimson blooms.					
1200 No. 1	-----		4.50	40.00	-----
300 No. 1½	-----		3.50	30.00	-----
400 No. 2	-----		2.50	22.00	-----
Excelsa Pillar , strong growing pillar type, double scarlet crimson blooms. Hardy as the common Excelsa.					
1400 No. 1	-----		4.50	40.00	-----
1000 No. 1½	-----		3.50	30.00	-----
Flash —See Patented Roses for prices and descriptions.					
Flower of Fairfield , deep crimson, similar to Crimson Rambler.					
100 XX, Heavy	-----		5.00	45.00	-----
500 No. 1	-----		4.50	40.00	-----
500 No. 1½	-----		3.50	30.00	-----
300 No. 2	-----		2.50	22.00	-----
Gardenia , yellow buds and creamy flowers with rich yellow centers.					
700 No. 1	-----		5.50	50.00	-----
1050 No. 1½	-----		4.50	40.00	-----
400 No. 2	-----		3.50	30.00	-----
Paul's Scarlet , intense scarlet flowers of excellent shape and good size, borne in clusters.					
400 XX, Heavy	-----		7.50	70.00	-----
280 No. 1	-----		6.50	60.00	-----
500 No. 1½	-----		5.00	45.00	-----
1000 No. 2	-----		4.00	35.00	-----
Primrose , hardy, double canary-yellow flowers.					
450 No. 2	-----		4.00	35.00	-----
Seven Sisters , double, deep pink, borne in large clusters.					
1000 No. 1	-----		4.50	40.00	350.00
600 No. 1½	-----		3.50	30.00	270.00
300 No. 2	-----		2.50	22.00	-----
Tausendschon , large clusters, flowers soft pink to white.					
250 No. 1	-----		4.50	40.00	-----
600 No. 1½	-----		3.50	30.00	-----
500 No. 2	-----		2.50	22.00	-----
White Dorothy , small double flowers, creamy white in great clusters.					
1500 No. 1	-----		4.50	40.00	350.00
1800 No. 1½	-----		3.50	30.00	270.00
800 No. 2	-----		2.50	22.00	200.00
Wichuriana (Memorial Rose), Clusters of white flowers, trailing habit, glossy leaves fine ground cover.					
500 No. 1	-----		3.50	30.00	-----
400 No. 1½	-----		2.90	25.00	-----
500 No. 2	-----		1.80	16.00	-----

ROSES—Continued

PATENTED ROSES

We are offering these Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified, 10 to 20 at 10 rates, 20 and up at 100 rates. Prices are NET.

	Per 10	Per 100
390 Apricot Queen , Patent No. 464. (Retail \$1.50 each; \$15.00 per doz.) Orange and apricot at base, merging to salmony-rose and phlox pink. Long-pointed buds with fully developed flower showing regular well placed petal arrangement. A.A.R.S. award for 1940.	\$ 9.00	\$ 75.00
220 Better Times , Patent No. 23. (Retails \$1.25 each; \$12.50 per doz.) Brilliant cerise flowers, large, double, fragrant.	7.00	60.00
480 California , Patent No. 449. (Retails \$1.50 each; \$15.00 per doz.) Ruddy-orange toned with saffron-yellow, with exterior of the broad petals overlaid with Saturn rose— a dual tone effect of indescribable richness and beauty. Long pointed buds opening to flowers of enormous size, reaching a diameter of 5 inches to 6 inches. A.A.R.S. award for 1940.	9.00	75.00
400 Charlotte Armstrong , Patent No. 455. (Retails \$1.50 each; \$15.00 per doz.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. The long stemmed blooms are produced in great quantities throughout the season and are ideal for cutting because they open slowly and are beautiful until the last petals drop. A.A.R.S. award for 1941.	9.00	75.00
100 City of York , (Patent Pending.) (Retails \$1.25 each; \$12.50 per doz.) Hardy climber producing dazzling white blooms with large yellow stamens.	9.00	75.00
110 Countess Vandal , Patent No. 38. (Retails \$1.25 each; \$12.50 per doz.) Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon.	7.00	60.00
320 Crimson Glory , Patent No. 105. (Retails \$1.50 each; \$15.00 per doz.) Color deep crimson, a "glory" Rose, glorious in its perfect form, large size and fragrance.	9.00	75.00
230 Dickson's Red , Patent No. 376. (Retails \$1.25 each; \$12.50 per doz.) A glowing scarlet red rose from Emerald Isle. Rich in fragrance, standing the hottest sun, retaining its color. Produced singly on long strong stems. A.A.R.S. award for 1940. ...	7.00	60.00
150 Donald Prior , Patent No. 377. (Retails \$1.00 each; \$10.00 per doz.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group.	6.50	60.00
180 Douglas Mac Arthur , Patent No. 581. (Retails \$1.50 each; \$15.00 per doz.) Bud large, long pointed; flower large and double, full, high-centered and lasting. Delft rose, slightly bronze at base of petals. Continuous bloomer.	9.00	75.00
100 Eclipse , Patent No. 172. (Retails \$1.25 each; \$12.50 per doz.) Long streamlined bud, rich gold without shading.	7.00	60.00
100 Floradora , (Patent Pending). (Retails \$1.50 each; \$15.00 per doz.). The color of this new Floribunda is a bright cinnabar with shades of scarlet and geranium red. Blooms continuously; 15-petaled flowers. A.A.R.S. Floribunda award for 1945.	9.00	75.00
450 Flash , Patent No. 396. (Retails \$1.10 each; \$11.00 per doz.) Climber or Pillar Rose of glowing vivid orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. A.A.R.S. award for 1940.	6.50	60.00

ROSES—(Continued)

PATENTED ROSES—Continued

		Per 10	Per 100
480	Grande Duchesse Charlotte , H. T., New. (Patent pending.) (Retails \$1.50 each; \$15.00 per doz.) The beautiful long stream-lined buds are glowing Morocco-red and open to 25 firm-petaled blooms of dusky coral-red which do not fade, but gradually merge to a soft coral pink. A.A.R.S. award for 1943.	\$ 9.00	\$ 75.00
580	Heart's Desire , Patent No. 501. (Retails \$1.50 each; \$15.00 per doz.) The color is a pure even shade of luminous red, without any shadings of maroon. It is sun-proof even in the hottest weather and does not burn. One of the chief points of this new rose is fragrance. Plant is of exceedingly vigorous growth, prolific bloomer with buds of superb form and open blooms holding their shape until last petal drops. A.A.R.S. award 1942.	9.00	75.00
360	Horace McFarland , (Patent Pending.) (Retails \$2.00 each; \$20.00 per doz.) Named in honor of Dr. J. Horace McFarland. An upright growing, vigorous plant producing an abundance of large deep apricot ovoid buds opening to beautifully formed, buff-salmon, spicely scented blooms of 45 petals. A.A.R.S. award for 1945.	11.00	100.00
490	Katherine T. Marshall , Patent No. 607. (Retails \$2.00 each; \$20.00 per doz.) A rose of rare beauty and delicacy of form—growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems. ...	11.00	100.00
240	King Midas , Patent No. 586. (Retails \$1.50 each; \$15.00 per doz.) A new hardy free blooming golden-yellow Climber with large, double, high-centered flowers with good form. The buds are touched with red.	9.00	75.00
240	Mary Margaret McBride , Patent No. 537. (Retails \$1.50 each; \$15.00 per doz.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. A.A.R.S. award for 1943.	9.00	75.00
200	Mme. Chiang Kai-shek , (Patent pending.) (Retails \$2.00 each; \$20.00 per doz.) Bud very large, long pointed; flower unusually large, double (24 to 30 petals), high-centered, lasting. Empire to lemon-yellow turning lighter as the blooms mature on long stem. Vigorous, upright and compact; abundant bloomer. A.A.R.S. award for 1944.	11.00	100.00
380	Mme Marie Curie , (Patent Pending.) (Retails \$1.50 each; \$15.00 per doz.) Beautifully formed, clear yellow blooms of sweet fragrance held high on vigorous spreading bushes carrying abundant dark green foliage. A.A.R.S. award for 1944. ...	9.00	75.00
160	Peace , Patent No. 591. (Retails \$2.50 each; \$25.00 per doz.) Ovoid buds and golden yellow etched with pink, as they open, color changes from canary-yellow, to pale golden, to iridescent cream. Petals are edged with apple-blossom-pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.	13.50	125.00
60	Pearl Harbor , Patent No. 637. (Retails \$1.50 each; \$15.00 per doz.) Light poppy-pink, reverse China rose on long stem. Bud large, long-pointed flower exceptionally large, double and high centered.	9.00	75.00
60	Santa Anita , Patent No. 539. (Retails \$1.25 each; \$12.50 per doz.) Perfectly formed long pointed buds unfold into glorious flowers of crystal clear peach-blossom pink.	7.00	60.00
100	Texas Centennial , Patent No. 162. (Retails \$1.25 each; \$12.50 per doz.) Hoover sport. Bright vermillion red with light tone of gold at base. Petals lighter red at center, gradually toning to deep rich pink as the bloom ages.	6.50	60.00

PERENNIALS

We have one of the largest and most complete assortment of Hardy Perennials, Alpine and Rock Garden plants of any nursery in the Middle West. Our plants are, except as specified, field grown, properly transplanted to give the necessary root development for high class landscape planting.

We have approximately 100 acres of overhead irrigation, devoted to the propagation of our Perennial and Rock Garden plants. We have searched the world over for new varieties of seeds and plants.

All perennials should be shipped by express. They are very perishable and should not be included in a freight shipment.

RG indicates the adaptability for rock garden planting.

The perennials that we are offering in this section are bare root, most suitable for landscape planting.

Per 10 Per 100

AMSONIA

Blue Star of Texas. Here is the true, original Star of Texas. A soundly, hardy, graceful shade tolerant perennial with big panicle of blue star flowers. ----- \$ 1.80 \$15.00

ANEMONE, Windflower (RG)

Pulsatilla. Violet. 12 in. April-May. ----- 1.80 ----

AQUILEGIA, Columbine. May-June. (RG)

Crimson Star Longissima—New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in. ----- 2.20 18.00

Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph. ----- 1.70 14.00

Mrs. Scott Elliott's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft. ----- 1.70 14.00

ARTEMISIA, Wormwood (RG)

Silver King. Silver white, color effect frosted silver. Beautiful in combinations. ----- 1.80 15.00

ASTERS

NEW DWARF VARIETIES (RG)

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September. ----- 1.40 12.00

Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft. ----- 1.40 12.00

Snowsprite. Cushions of pure white flowers. Dwarf, compact and bushy. Sept. Height, 1 ft. ----- 1.80 15.00

Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September. ----- 1.40 12.00

UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.

Adorable. Deeper, clearer pink, very rare in fall flowers. Small, reddish rosette-like buds. Clean dark green foliage. Height 4 to 4½ ft. Blooms September to frost. ----- 2.10 18.00

Beechwood Challenger. The nearest approach to red so far in Hardy Asters. Free-flowering, medium height, about 3½ ft. Early fall. Profuse bloomer with brilliant crimson-red flowers. ----- 2.10 18.00

Blue Gem. Large lovely flowers of blue with a yellow center, double flowers. Best blue in cultivation. September until frost. 3 to 4 ft. ----- 1.40 12.00

Blue Plume (New). A choice introduction. One of the deepest, bluest yet introduced. Freely produced, rich royal blue flowers on stately spikes. An excellent variety that will attract attention. Sept. and Oct. Height 3 ft. ----- 2.50 20.00

Mt. Ranier. Pure white flowers with yellow discs. A most satisfactory variety for "separating" the other colors. It is an excellent plant to help create fine fall effects. Upright ----- 2.10 18.00

Palmyra (New). The best pink of the Novae belgi type. A very hardy vigorous growing aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid Sept. to frost. 3 to 4 feet. ----- 2.50 20.00

Royal Blue. Large, semi-double, clear blue. 2½ ft. September. ----- 1.40 12.00

Sunset. A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. Grows about 36 inches tall. ----- 1.80 15.00

PERENNIALS—Continued

BUDDLEIA, Butterfly Bush, (See Shrubs).

CAMPANULA, Belleflower.

	Per 10	Per 100
Beauty of Telham. Improved strain of large blue flowers.-----	\$ 1.40	\$ 12.00
Bononiensis. Little blue-violet bells crowded in slender spikes to suggest elongated Hyacinths. Decorative. -----	1.40	12.00
Calycanthema (Cup and Saucer). In separate colors, Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden. -----	1.40	12.00
Medium (Canterbury Bells). In separate colors, Blue, and Rose. June. 2 ft. -----	1.40	12.00
Punctata. Rugged campaniles of big pendent bells, from translucent, creamy pinkness, through lilac, to vinous purple.-----	1.40	12.00

CHRYSANTHEMUMS

We have a pretty fair assortment of strong 1 year field grown divisions, but on some of the newer varieties it will be necessary that we supply well finished 2½" pot plants.

CUSHION Chrysanthemums. Sometimes called "Million Mums."

A group of lowing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 or 12 inches high. Our stock is of improved strains. Most varieties begin blooming late August and bloom until frost.

Bronze Cushion. As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later, lighten to a beautiful golden bronze shade.-----	1.80	15.00
Pink Cushion. Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center. Has a record of 3,000 flowers the first year per plant. Very hardy.-----	1.80	15.00
Red Cushion. Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers.---	1.80	15.00
White Cushion. Snow white flowers with a faint yellow center.-----	1.80	15.00

UPRIGHT CUT FLOWER VARIETIES

These are the Chrysanthemums which you grow in your garden. Suitable for cut flower purposes. Flowers are large and all up-right stems. We guarantee the following varieties to be all early bloomers under normal conditions and to bloom either in September or early October.

Algonquin. (Bristol) Fine, brilliant, double yellow. Mid-September. 18 inches. -----	1.80	15.00
Amber Glow. A 2½ inch flower of soft salmon or peach pink. Flowers very profusely. Blooms October 5.-----	1.80	15.00
Avalanche. Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.-----	2.10	18.00
Clara Curtis (Bristol). Produces great masses of fragrant pink, daisy-like blooms. Early September. Single. 2 ft.-----	1.70	14.00
Dahlia Flower. It is a purplish wine, the richest of colors. The plants are of sturdy habit and first blooms appear around the middle of September.---	1.80	15.00
Dean Ladd. Another of the Dean Kay series, prominent for its very early flowering date. Flowers are double, reddish-bronze, a unique autumn color. -----	1.80	15.00
Dean Kay Yellow. An enchanting progression in the valuable Dean Kay series. Bright golden yellow flowers.-----	1.80	15.00
Early Bronze. A remarkably early flowering Pom Pom. Its flowers of beautiful orange-bronze in full glory in September.-----	1.80	15.00
Ember. A brilliant glowing bronze, a combination of coral and orange shades ever changing with the light. Flowers 2½ inches in diameter. In mid October. Height 2½ ft.-----	1.80	15.00
Eureka Giant. A beautiful, large, semi-double, light orange-bronze flower. Grows 2½ to 3 ft. tall and very hardy.-----	2.10	18.00
Goblin. Two-inch blooms of a warm bronze, shading to sparkling gold when open. Uniquely distinct. 2 ft. Mid October.-----	1.80	15.00
Judith Anderson. Flowers are of golden yellow. An outstanding Pom Pom. Matures in early October.-----	1.80	15.00
Korean Hybrids Mixed. Large flowering single and semi-double. A wonderful range of magnificent colors.-----	1.40	12.00
Little Eskimo. Pure white, ball-shaped flowers 1½ inches in diameter that do not fade to pink. Are produced abundantly in August and September.---	2.10	18.00
Manantico. Government variety, low bushy growth, producing semi-double pale rose flowers with yellow center.-----	1.80	15.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Upright Cut Flower Varieties—Continued

	Per 10	Per 100
Mt. Ranier (U.S.D.A.) Very fine white variety. The best of all new white varieties. Early September. 18 inches.-----	\$ 1.80	\$ 15.00
Peachblow. A glorious blending of salmon-pink fawn and bronze. A husky, strong stemmed, well branched plant producing an amazing quantity of 2½-inch blossoms. -----	1.80	15.00
Pygmy Gold. A distinct, fine Pom Pom type. The color is a clear golden yellow, remarkable for its brilliance and intensity. It flowers in early September. -----	1.80	15.00
Red Flare. Bright red, Pom Pom type, height 20 inches. Matures mid October. -----	1.80	15.00
Red Gold. A dwarf double, bright scarlet Pom Pom Type. Matures in August. -----	1.80	15.00
Red Velvet. Rich velvety crimson with glowing sheen. Shapely, fully double medium sized 3 to 3½ inch blooms on sturdy stems. Radiant bloom early in October. -----	2.10	18.00
Rose Glow. Lovely raspberry, rose-pink blossoms in glorious profusion from September on. Husky strong 2 ft plant.-----	1.80	15.00
Salmon Glow. The semi-double flowers are of salmon and gold. Matures in September. -----		15.00
Sandy Richie. Rich brown crimson with clear golden reverse. The inner petals incurve and the outer petals reflex, showing a bright contrast of crimson and gold. Blooms in September. -----	2.10	18.00
Seminole. A free blooming type of low, bushy growth. Double, fluffy, pure white flowers. First appearing about September 20th.-----	1.80	15.00
September Bronze. Shapely little Pom Pom blossoms, shading from golden bronze to intense warm bronze, simply cover the plant from mid-September on through into November or killing frost.-----	2.10	18.00
Spoon Golden. The flowers are large in the regular order; the color is a clear gold-tone, well away from the clear yellow in Yellow Spoon.-----	1.80	15.00
Spoon Jasper. The color is a bright bronze-red overtone, mantled on a brilliant gold relief that is the principal color effect.-----	1.80	15.00
Spoon Orchid. The flowers of the popular spoon form are a clear orchid color and of generous size. One of the most interesting of this group.-----	1.80	15.00
Spoon Rose. It may easily be termed an extremely interesting plant novelty. The color is a shining rose that defies description.-----	1.80	15.00
Spoon Yellow. Brilliant clear yellow.-----	1.80	15.00
White Gull. This variety is distinctly of the cushion type in growth but the flowers which are pure white are more of pom-pom shape.-----	1.80	15.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy

Alaska. Large white flowers, June to August. 2 ft.-----	1.20	10.00
Diener's Double White. Recent development of full, shaggy double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.-----	1.80	15.00
Lothian Bell Strain. This magnificent white daisy is undoubtedly the largest flowered of its class. Flowers frequently measure 6 inches across with very broad petals of great substance. 2½ to 3 ft.-----	1.40	12.00
White Swan. Pure white double flowers on strong wiry stems 24 to 30 inches in length, in bloom for Memorial Day. We were informed that this Daisy is also an excellent forcer, producing wonderful flowers under glass.-----	1.80	15.00
Timpanogii. New Broad Petaled 8 in. Long stems, flowers 8 inches in diameter—early flowering. -----	2.10	18.00

COREOPSIS, Tickseed.

Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in. -----	1.20	10.00
Golden Shower. This semi-dwarf golden yellow perennial is always in bloom. Flowers two inches. 18 inches tall.-----	2.10	18.00
Mayfield Giant. An improved, large single, of brilliant yellow.-----	1.20	10.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

	Per 10	Per 100
DELPHINIUM, Larkspur.		
Belladonna, Clivedon Beauty. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 ft.-----	\$ 1.20	\$ 10.00
Bellamosa. Dark blue blooms all summer. 4 ft. Strong 1 year plants.-----	1.20	10.00
Bellamosa LaMartine. Deeper blue than Bellamosa with a distinct white eye. Not susceptible to disease. Long blooming period. 4 to 5 ft.-----	1.20	10.00
Gold Medal Hybrid. Tall, well filled double and semi-double flowers from purplish blue to white.-----	1.40	12.00
Wrexham Giant Hollyhock Strain Mixed. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue, mauve and pink.-----	1.80	15.00

DELPHINIUM Chinese

Chinese Alba -----	1.20	10.00
Chinese Blue -----	1.20	10.00

DIANTHUS

Barbatus, Old Fashioned Sweet Williams.

This is the Old Fashioned Sweet William, bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties. -----

	1.20	10.00
Dwarf Midget. Uniform habit. The color range is from white, chamois, salmon, scarlet, brickred to maroon, with most blooms tri-colored. 6 inches.-----	1.40	12.00
Suttons Mixed. Include all the various tints, which give a most pleasing and harmonious effect. -----	1.40	12.00
Holborn Glory. ---Striking combination of crimson with white eyes. 18 inches.-----	1.20	10.00
Homeland. A most unusual color, dark red with large sharply defined clear white center. 12 inches. -----	1.40	12.00
Splendens Pink Beauty. 18 inches.-----	1.20	10.00
Scarlet Beauty. 18 inches. -----	1.20	10.00
White Beauty. 18 inches. -----	1.20	10.00

DIANTHUS PLUMARIS HARDY GARDEN PINKS

Alwoodi. This is a new type of Alwoodi pink imported from England. Very fragrant. -----	1.40	12.00
Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms All summer. 18 in. -----	1.20	10.00
Scoticus Double. Special strain. Self colors of various tints of pink, rose, salmon and white, and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering. -----	1.40	12.00

DIANTHUS SPECIES

Latifolius, Atroccineus, Fl. Pl.

Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in. -----

DICENTRA, Bleeding Heart

Eximia (RG) This is not a particularly new item but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned Spectabilis variety. Rose colored flowers produced all summer. 12 in.-----

3.00 25.00

EUPHORBIA.

Polychroma. Its unusual combination of flowers and foliage, and afterwards its beautifully colored seed, does not escape anyone's temptation. It makes a beautiful formal plant, growing about 1 ft. high, forming a hemispherical clump covered with lemon--yellow, rose shaped, flowers in May and June. -----

1.80 15.00

PERENNIALS—Continued

	Per 10	Per 100
FERNS, Hardy Outdoor (RG) -----	\$ 1.40	\$ 12.00
Goldie's Wood. (<i>Aspidium</i>). Evergreen variety. 2 ft.		
Interrupted (<i>Osmunda Claytoniana</i>). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.		
Maiden Hair (<i>Spleenwort Asplenium Tricommanis</i>). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.		
Ostrich Plume (<i>Onoclea Struthiopteris</i>). Very graceful with finely cut pinules. 2 to 3 ft.		
GEUM, Avens (RG)		
Mrs. Bradshaw. Fiery, orange-red flowers, very large. Double. Blooms nearly all summer. May to July. 15 to 18 in.-----	1.80	15.00
GYPSOPHILA, Baby's Breath.		
Oldhamiana. A variety somewhat similar to <i>Paniculata</i> but it has a much longer season, flowering until late in Autumn. Flowers white, delicately tinted pink. -----	1.40	12.00
<i>Paniculata Compacta</i> . Pinkish white. July. 2 ft.-----	1.20	10.00
Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.-----	3.00	25.00
HIBISCUS, Mallow.		
Giant Flowering. A wonderfully improved form of native Marshmallow or Rose Mallow. Separate colors, Pink, Red and White. August and September. 4 to 5 ft.-----	1.20	10.00
HYDRANGEA.		
Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.		
2 year dormant stock, for Spring only-----	6.00	50.00
Well furnished Pot Plants for Spring only.-----	2.90	25.00
IRIS		
Dichotomah (<i>August or Vesper Iris</i>). Fragrant flowers on tall branching sprays. From July to September. Cream to violet-purple markings of various colors. -----	1.40	12.00
LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.		
This lovely trailing plant blooms all summer. In separate colors, Crimson King, Rose Queen; White Queen.-----	1.20	10.00
LILY OF THE VALLEY		
Extra strong plants with long roots. Fine foliage and profuse bloomers.		
Pips -----	.40	3.50
Clumps, dug with original soil.-----	2.90	25.00
LUPINES.		
Russell Lupines. This is an improved strain of Russell Lupines acclimated to the United States. Spikes 3 to 4 feet tall with extraordinary color combinations. -----	1.80	15.00
PAPAVER ORIENTALIS		
Oriental Hybrids. Scarlet-crimson with black spots at base of petals.-----	1.70	15.00
PENTSTEMON, HARDY.		
Garnet. First of a new strain of hardy, large flowering Pentstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. -----	1.80	15.00
Grandiflorus Lavender Queen. A beautiful showy Penstemon, with thick, gray-blue leaves and large showy lavender-purple flowers on stout stems. 2 to 2½ ft. May-June.-----	1.40	12.00

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. Most of our plants are strong, one year old, which we recommend very highly. Two year plants are very woody and are hard to transplant.

Phlox can be transplanted from late September until the ground freezes up, or can be planted in the spring just as early as the ground thaws out.

	Per 10	Per 100
Africa. Brilliant carmine red with blood-red eye.....	\$ 1.80	\$15.00
Anne Laurie. New variety. Large trusses of salmon-pink.....	1.80	15.00
Apple Blossom. Grows 2 to 2½ ft. tall and produces flowers of a lovely blending of soft apple-blossom-pink.....	1.80	15.00
Apollo Red. Deep rose-red, shaded crimson. Tall.....	1.80	15.00
Apollo White. Splendid white with large individual flowers.....	1.80	15.00
B. Compte. Clear reddish purple, sometimes considered an amaranth shade....	1.40	12.00
Beacon. Straight, strong stems carrying brilliant cherry-red heads.	1.40	12.00
Brilliant. Large trusses of fiery scarlet with darker eye.....	1.80	15.00
Border Gem. A beautiful deep purple Phlox. Does not fade.....	2.10	18.00
Caroline Vandenberg. A fascinating shade of lilac-blue.....	2.10	18.00
Champs Elysee. Compact heads of rich purple. 24 in.....	1.40	12.00
Charles Curtis. The color is outstanding and difficult to describe. Sunset red probably comes nearest to it. It is a fine strong grower about 2½ to 3 ft. tall. Has good clean foliage. The flower head is large.....	2.40	20.00
Cheerfulness. Very vigorous grower with much branched panicles of sparkling salmon orange flowers. Of importance is the fact that the color keeps perfectly in bright sunlight. Height, 3 feet.....	2.10	18.00
Chieftain. Here is a color in Phlox rarely seen—the color of a precious ruby. Good, strong flower trusses.....	2.10	18.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Florets measure 1½ in. across. No other Hardy Phlox produces florets so large. 3½ feet high.....	1.80	15.00
Dr. Klemm. Compact plants 18 inches tall and showy trusses of white blooms with diffused rich violet eye.	2.10	18.00
Eclairer. Brilliant rosy magenta, white eye. July and August. Height, 32 inches.	1.40	12.00
Enchantress. Bright salmon-pink with dark eye.....	1.80	15.00
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.	1.80	15.00
Eva Forester. Large heads of 30 to 40 individual flowers at one time. Flowers clear pink and 1¼ inches across.....	1.80	15.00
Fairy King. The loveliest lavender. Rounded, large and shapely flower heads. Dark green foliage. 2 feet tall.....	2.50	20.00
F. G. Von Lassburg. A tall white Phlox blooming in mid-season.....	1.40	12.00
George Stipp. Deep, glowing salmon with shaded lighter eye, fragrant, outstanding variety.	1.80	15.00
Gen. Petain. Deep wine red, with large, beautiful shaped flowers.....	1.80	15.00
Graff Zepplin. Ivory white flowers with vermillion red eyes. This clean looking Phlox undergoes no fading or changing of color.....	1.80	15.00
H. B. May. Large spikes of bright pink. Very large flowers.....	1.80	15.00
Hauptman Koehl. Glowing, full-toned red. Finest red Phlox propagated today. Large compact trusses on strong stems. 24 inches.....	1.80	15.00
Irene. Cherry red, very brilliant.....	2.10	18.00
Julight. It flowers early—grows to a medium height, has glossy deep green leaves, stalks straight up-right and develops large flower heads. The color is its principal virtue. Each floret is evenly shaded with a soft but lustrous light red.	2.10	18.00
Mary Louise. This is the best white Phlox in existence. Pure white with large heads. Individual florets are 2 inches, as large as any other white Phlox. Very fragrant, prolific bloomer.....	1.80	15.00
Mrs. Ethel Pritchard. French-mauve colored phlox. Flowers freely.....	1.80	15.00
Mrs. Jenkins. One of the old standbys. Pure white.....	1.80	15.00
New Bird. Deep crimson red, almost vermillion, purple eye.....	1.80	15.00
Painted Lady. Strong upright growth and large masses of flower heads. Silvery pink with salmon shadings and cherry red eye.....	1.80	15.00

PERENNIALS—Continued

PHLOX PANICULATA—Continued

	Per 10	Per 100
Pantheon. A deep salmon-rose Phlox, very fragrant. 30 in.-----	\$ 1.40	\$ 12.00
P. D. Williams. Bright pink with rose center. Extra large florets. One of the best pinks, pyramidal trusses. Grows compactly, retains color unmarred and unbleached through the entire summer and fall. 2½ ft.-----	1.40	12.00
Pink Darling. Good pink, large, individual flowers. Well filled heads.-----	1.80	15.00
Prime Minister. This is the best of all bi-colored whites. Extra large florets of clear white with violet eye.-----	1.80	15.00
Progress. Superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet. -----	2.50	20.00
R. P. Struthers Improved. Rich salmon-pink with scarlet eye. Large well filled trusses. -----	1.40	12.00
Rheinlander, Salmon pink with carmine eye.-----	1.80	15.00
Rijnstroom. Rose pink. -----	1.40	12.00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.-----	1.40	12.00
Rosenberg. Deep violet-cerise with slightly darker center.-----	1.80	15.00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, blush-pink with salmon eye.-----	1.40	12.00
Starlight. Rich violet with an almost perfectly shaped white star in the center. Strong growing, free blooming.-----	1.80	15.00
Wanadis. White, light violet shading with purple eye.-----	1.40	12.00
Wm. Kesselring. Deep plum-purple, shading to a dainty lilac eye.-----	1.80	15.00

PHYSALIS, Chinese Lantern Plant. (RG)

Francheti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.-----	1.40	12.00
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PHYSOSTEGIA, False Dragon Head.

Rosy Spire. Deep rosy-crimson color, very vivid. 3 to 3½ ft. Mid-September. Decidedly colorful. -----	1.50	12.00
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PLATYCODON, Balloon Flower (RG)

Blooms all summer. 12 in. Separate colors, Blue and white.-----	1.50	12.00
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POTENTILLA.

Warrensi. Large flowers in massed brilliance of richest shining gold. Particularly good. 20 inches.-----	1.80	15.00
White Beauty. Multitudinous tall sprays of snowiest white. Foliage bronze maroon in Autumn. 16 inches.-----	1.80	15.00

PLUMBAGO.

One of the most desirable border and rock plants. It is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during late summer and fall.-----	1.80	15.00
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SALVIA, Meadow Sage

Azurea Grandiflora. Azure colored large flowers. August to September. 5 ft.-----	1.20	10.00
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SEDUM, Stone Crop or Live Forever (RG)

America's Greatest Rock Plant. Thick, glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.

Album. Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches. -----	1.20	10.00
Anglicum. White. Tiny, moss-like carpeting plant. Profuse bloomer. Early summer. -----	1.40	12.00
Creslatum. Small round foliage of medium green.-----	1.20	10.00
Lyidium Glaucum. Blush, very fine rock plant. Very odd. All summer. 6 in. -----	1.20	10.00
Murale. Evergreen foliage, reddish-purple. White flowers with pink center, 4 to 8 inches-----	1.20	10.00
Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.-----	1.20	10.00

PERENNIALS—Continued

SEDUM, Stone Crop or Live Forever (RG)—Continued

	Per 10	Per 100
Spectabile Brilliant. Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches.-----	\$ 1.20	\$ 10.00
Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.-----	1.20	10.00
Subulatum. Dwarf. Round foliage. Early Summer. 4 to 6 inches.-----	1.20	10.00
Turkestanicum. Round foliage of dark green. White flowers on 6 to 8 inch stems. -----	1.70	14.00

SEMPERVIVUM. Houseleek. (RG)

Sometimes known as Hen and Chickens. Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.

Atroviolaceum. The largest of the entire group. Beautiful rosette of deep purplish red leaves almost 4 inches in diameter when fully grown. 8 in.----	1.40	12.00
Bossier. Leaves are deep green tipped reddish-purple, forming a beautiful rosette, 6 inches to 8 inches in diameter when fully grown. 4 inches.----	1.40	12.00
Rubrum. Leaves of dark green turning to red in fall. Rapid spreader.----	1.40	12.00

SILENE WHERRYI.

A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October.-----

1.80 15.00

SPIREA, Goat's Beard, Meadow Sweet (RG)

Filipendula (Dropwort). White flowers produced in abundance on stems 15 inches high. Fern-like foliage. June and July.-----

1.80 15.00

STATICE, Great Sea Lavender (RG) August

Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make very valuable winter bouquets. 18 in. -----

1.40 12.00

SWEET WILLIAM (See Dianthus Barbatus)

THYMUS, Thyme (RG)

Serpyllum Coccineum. Dark red flowers, covering the plant completely. Creeping habit, hairy foliage, which is fragrant. June-July.-----

1.40 12.00

TRADESCANTIA.

Delight. Long blooming, soundly hardy perennials of much beauty. Colors include blush pink, rosy pink, mauve, white, palest azure suffusions, sky blue, indigo, violet, purple, and ruby. Heights run from 6 to 30 inches.---

1.40 12.00

Purple Dome. Vividly brilliant purple flowers which sparkle with life in sunlight. Fine grower, and it flowers freely. Considered the most spectacular one of the entire collection.-----

2.10 18.00

TRITOMA, Kniphofia, Red Hot Poker (RG)

This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.

Pfizeriana. This is the genuine Red Hot Poker. Rich, orange-scarlet blooms on stems 3 ft. high. Must be grown from divisions. August to October.----

1.40 12.00

YUCCA, Adam's Needle (RG)

Filamentosa. Creamy yellow. 6 ft. This plant, with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or Rockery work and stands out among all other plants.

2 year ----- 1.20 10.00

OLD FASHIONED KITCHEN HERBS

	Per 10	Per 100
Due to the shortage of shipping facilities, spices and Herbs which formerly came from the Middle East, are now hard to secure. For that reason, we are offering a rather complete list of these items.		
Applemint (<i>Mentha rotundifolia</i>). The leaves are used to flavor drinks.-----	\$ 1.40	\$ 12.00
Chive, Wild Onion. Finely chopped leaves gives a delicious flavor to salads.---	1.20	10.00
Horseradish. A condiment used in seasoning meats.		
3 inch cuttings-----	.70	6.00
Crowns -----	1.00	9.00
Hyssop (<i>Hyssopus Officinalis</i>). Leaves used for Medicinal purposes and to season vegetables. A good edging plant.-----	1.40	12.00
Mother of Thyme (<i>Thymus</i>). Leaves used medicinally and for seasoning meat and fish sauces and stuffings.-----	1.70	14.00
Peppermint True (<i>Mentha piperita</i>). Leaves and tender tops may be infused in cooling drinks. -----	1.20	10.00
Sage, Old Fashioned. Used for seasoning sausages and dressing.-----	1.20	10.00
Spearmint (<i>Mentha spicata</i>). Fresh leaves used to flavor sauces and iced drinks, particularly juleps.-----	1.20	10.00
Spearmint, Anise-Flavored (<i>Mentha spicata anisatus</i> '). Small green leaves with delightful anise and mint flavor for iced drinks.-----	1.20	10.00
Spearmint, crisp (<i>Mentha Crispa</i>). A dwarf mint with small pungent leaves. excellent mixed with lemonade.-----	1.20	10.00
Spearmint, Variegated Lemon Scented. Leaves golden variegated, very decorative, slightly lemon scented flavoring for iced drinks.-----	1.20	10.00

LILIES

The following lilies are all American grown, most of them are grown here at Shenandoah. Our soil seems very well adapted for the growing of this certain type of bulb. Size specified on the grade is circumference of the bulb.

	Per 10	Per 100
Regale. (Tibet). Large white flowers, suffused pink with canary-yellow throat, Very fragrant blooms in July. Planting depth 5 inches. Available late September.		
4 to 5 inches-----	\$ 1.20	\$ 10.00
5 to 6 inches-----	1.40	12.00
6 to 8 inches-----	1.80	15.00
Tenuifolium (<i>Coral Lily</i>). Vivid scarlet, excellent rock garden variety. Blooms May-June. Planting depth 6 inches. Available late September.		
Flowering size bulbs, No. 1-----	1.40	12.00
Tennuifolium Golden Gleam. Similar to Tennuifolium except flowers are golden yellow. Blooms June. Planting depth 3 inches.		
Flowering size bulbs No. 1-----	1.40	12.00
Tiger Double. This is a full double flowering variety. Blooms slightly later than single. Planting depth is 5 inches.		
4 to 5 inches-----	1.10	9.00
5 to 6 inches-----	1.40	12.00
6 to 8 inches-----	1.80	15.00

SPRING BULBS

CANNAS

Our Cannas are all strong 3 and 5 eye divisions, properly matured and cured so as to give you the best possible results.-----

	Per 100	Per 1000
	\$ 7.50	\$ 65.00

PINK FLOWERS WITH GREEN FOLIAGE

City of Portland. The leading pink, green foliage. 4 feet tall. Large flowers of watermelon-pink conceded THE pink.

Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.

RED FLOWERS WITH GREEN FOLIAGE.

The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.

Wintzer's Colossal. 5 ft. Green foliage. Without a doubt the largest flowered Canna yet produced. Flowers of vivid scarlet. Sometimes measures eight inches across.

YELLOW FLOWERS WITH GREEN FOLIAGE.

Richard Wallace. 4 ft. Green foliage, canary-yellow flowers. One of the best yellows.

Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.

BRONZE FOLIAGE VARIETIES.

Red King Humbert. 5 ft tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.

Statue of Liberty. 6 to 7 ft. Blazing flame-red.

DAHLIAS

Our Dahlias are all Shenandoah Grown, good, strong, healthy tubers with good necks and crowns. Our stock is carefully handled and guaranteed true to name.

	Per 10	Per 100
DECORATIVES		
Avalon. Beautiful clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia.-----	\$ 1.80	\$15.00
Gallant Fox. A commercial red highly regarded by many growers. Medium size flowers of velvety red. Heavy stem, good keeper.-----	1.80	15.00
Golden Bounty. Rich lemon yellow.-----	1.80	15.00
Harvest Moon. Blends gold rose and bronze.-----	1.80	15.00
Lida. Large yellow. Must be seen to be appreciated.-----	1.80	15.00
White King. The leading pure white with commercial growers. The flowers are of perfect form and the right size for cut flower use. Full centered.---	1.80	15.00
Yellow Colossal. A gigantic flower, nine inches and more in diameter, of beautiful lemon yellow. Strong stems carry the flower erect above the foliage. A remarkable show bloom.-----	1.80	15.00
Decorative Mixed. -----	1.40	12.00
DAHLIAS, SHOW		
Robert Broomfield. Pure white. Effective in combinations.-----	1.80	15.00

MISCELLANEOUS BULBS

BEGONIAS, Tuberous Rooted, Camellia Flowering.

Are assuring their old popularity. They are valuable for planting as a pot plant or for outdoor bedding in shaded locations.

	Per 10	Per 100
Separate colors, 1¼ to 1½ inch diameter.....	\$ 2.00	\$ 18.00
Red Pink Yellow Bronze		

CALADIUM

Esculentum. 5 to 7 inches.	1.20	10.00
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CALLA LILY.

Elliottiana. Yellow. 1¾ to 2 inches.....	1.80	15.00
Rehmanii Superba, pink.	1.80	15.00

MADERIA VINE

A tuberous bulb producing a multitude of viny growth, a very prolific grower.60	5.00
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TUBEROSES (RG)

Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size.....	.75	6.00
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NURSEYMEN'S SUPPLIES

Due to uncertainty of prices and securing delivery, we are unable to offer our usual listings of nurserymen's supplies. If in need of certain supplies, write for prices and complete information.

BOXING CHARGES

30x30x12	\$6.75	24x24x10	\$5.25	20x20x8	\$4.00
30x30x10	6.00	24x24x8	4.75	20x20x6	3.00
30x30x8	5.25	24x24x6	4.00	16x16x10	3.50
30x30x6	4.50	20x20x12	5.00	16x16x8	3.00
24x24x12	6.25	20x20x10	4.25	16x16x6	2.75

CORRUGATED BOXES

No. 42—72x20x20	\$1.50	No. 31—36x15x15	\$.60	No. 9—15x10x6	\$.25
No. 6—48x20x20	1.00	No. 16—30x8x8 .....	.25	No. 36—12x7x6 .....	.20
No. 10—48x16x16 .....	.85	No. 28—17x12x6 .....	.30		

BALES will be charged at actual cost.

INDEX

Name	Page	Name	Page	Name	Page
A					
Acanthopanax	20	Ferns	49	Plum Seedlings	9
Almond Flowering	20	Fir	34	Polygonum	33
Althea	20	Flowering Crab	12-13	Poppies	49
Ampelopsis	31	Forsythia	25	Poplar	18
Apple	3-4	Fruit Tree Stocks	9	Potentilla	27-51
Apple Seedlings	9	G			
Apricots	6	Gooseberries	7	Privet	28
Aquilegia	45	Grape Vines	7	Prunus Flowering Plum	15-18
Aralia	12	Gypsophila	49	Ptelea	18
Aronia	20	H			
Ash	10-12	Hackberry	10-14	Q	
Asparagus	8	Hamamelis	25	Quince, Flowering	24
Asters	45-46	Hansen's Bush Cherry	5-18	R	
B					
Baby's Breath	49	Hedging	31	Raspberries	8
Barberry	20-21-31	Hedera	32	Red Bud	18
Beauty Bush	26	Herbs	53	Red Cedar	36
Begonia	55	Highbush Cranberry	30	Rhubarb	8
Bignonia	31	Honeysuckle	25-26-31-32-33	Rhus	28
Birch	12	Honeysuckle Vines	32-33	Ribes	28
Bittersweet	31-32	Horseradish	8-53	Rose Baby	40
Blackberries	8	Hydrangea	26-49	" Climbing	41-42
Bleeding Heart	48	Hypericum	26	" Floribunda	40
Boston Ivy	31	J			
Box Elder	12	Japanese Quince	24	" Hybrid Tea	39
Boysenberry	8	Junipers	34-35-36-37	" Misc.	40-41
Buckthorn	21	K			
Buddleia	21-22	Kentucky Coffeetree	15	" Rugosa	40-41
Buffaloberry	23	Kolkwitzia	26	" Patented	43-44
Bulbs	55	L			
Butterfly Bush	21-22	Lilac	26-27	Russian Olive	18-24
C					
Caladium	55	Lilies	53	S	
Campanula	46	Lily of the Valley	49	Salix	28
Cannas	54	Linden	15	Shrubs	20-30
Caragana	10	Locust Black	10	Silver Lace Vines	33
Catalpa	10	Locust Honey	10-14-15	Small Fruits	7-8
Celastrus	31-32	Lupines	49	Snowball	30
Cephalanthus	23	M			
Chaenomeles	24	Maderia Vines	55	Snowberry	29
Cherries	4-5	Maple	10-15-16	Spirea	28-29-31
Cherry Seedlings	9	May Day Tree	15-18	Spruce	38
Chrysanthemums	46-47	Mountain Ash	16	Sumac	28
Clematis	32	Mulberries	6	Sycamore	18
Coreopsis	47	Multiflora Japonica Seedlings	9	Symphoricarpos	29
Cornus	23	Myrobolan	9	Syringa (Mock Orange)	27
Cotoneaster	23-24	N			
Crab, Flowering	12-13	Ninebark	27	T	
Crataegus	18-19	O			
Currants	7	Oak	10-16-17	Tamarix	29-30
Cydonia Japonica	24	Osage Orange	10	Taxus	38
D					
Dahlias	54	P			
Deciduous Trees	12-19	Peach	6	Thorn	18-19
Deciduous Tree Seedlings	10-11	Peach Seedlings	9	Tritoma	52
Delphinium	48	Pear	5	Trumpet Vine	31
Deutzia	24	Pear Seedlings	9	Tuberoses	55
Dewberries	8	Perennials	45-53	V	
Dianthus	48	Philadelphus	27	Viburnum	30
Dicentra	48	Phlox	50-51	Vines	31-32-33
Dogwood	23	Physocarpus	27	Virginia Creeper	31
E					
Elaeagnus	18-24	Pine	37-38	Vitex	30
Elder	24	Plum	5	W	
Elm Seedlings	10	Peach	6	Walnut Black	10
Elm Trees	13-14	Peach Seedlings	9	Weigela	30
Euonymus	24-25-32	Pear	5	Willow	10-19-28
Euphorbia	48	Pear Seedlings	9	Wisteria	33
Evergreens	34-38	Perennials	45-53	Witchhazel	25
		Philadelphus	27	Y	
		Phlox	50-51	Yew	38
		Physocarpus	27	Youngberry	8
		Pine	37-38	Yucca	52
		Plum	5		